

COGNITIVE SYSTEMS & ENTERPRISE ENGINEERING

The Future of Intellect is Cognitive.

Accelerate your engineering capability with research-driven pedagogy, zero-config cloud sandboxes, and structured industry mentorship across 9 specialized enterprise domains.

Explore Programs →

▶ Watch Overview

★
4.94★
PLATFORM RATING

👥
2,840+
VERIFIED REVIEWS

⚡
70%
HANDS-ON LABS

📖
9
CAREER TRACKS

EXPLORE OUR SPECIALIZED DOMAINS

INDUSTRY-READY CURRICULUM



Generative AI



Applied AI



Machine Learning



Data Science



Full Stack



Data Analytics



Java Architecture



Cybersecurity



SAP S/4HANA

From Learning to Real-World Impact

Hands-on projects, expert mentorship and industry-aligned curriculum to help you build a future-ready career.



2,800+
STUDENTS LEARNING



Hands-on
Cloud Labs



Live Classes
with Industry Experts



Career Guidance
& Placement Support



• BRAND STORY & FOUNDATION

Bridging the Cognitive Divide.

The global technology landscape is shifting from basic workflow automation to autonomous cognitive intelligence. AMEEXO Academy was built to solve a critical industry reality: university and traditional coaching syllabi remain disconnected from production-grade engineering standards.

THE INDUSTRY GAP

The Theory-Production Disconnect

Modern engineering teams build on distributed microservices, GPU-accelerated neural networks, event-driven streaming, and real-time security telemetry. Yet most students only learn synthetic textbook theory without ever deploying to cloud compilers or shipping production code.

THE AMEEXO MODEL

70% Practical Sandbox Mastery

AMEEXO Academy delivers a structured, immersive environment where learners build end-to-end architectures, submit pull requests, and participate in micro-internships that simulate authentic enterprise engineering teams.



COLLABORATIVE COGNITIVE LABS

Learners collaborate on real pull requests and architectural reviews.

• FOUR CORE COMMITMENTS

Research Pedagogy

Curricula authored around enterprise RFCs and production standards.

Zero-Config Labs

Instant cloud GPU sandboxes, container runtimes, and toolchains.

Micro-Internship

Hands-on sprint exposure culminating in an official internship credential.

Career Support

1-on-1 resume vetting, mock technical audits, and direct referrals.

REGISTERED ENTITY

AMEEXO LLP

HEADQUARTERS

Bengaluru, KA 560067

DELIVERY FORMAT

Live Virtual Blended

ACADEMIC SLA

≤ 48 Hrs Advisory

ACCREDITATION & STANDARDS

ENTERPRISE WORKSPACE COMPLIANCE

Zero-Config Browser Sandboxes & Cryptographic Dual Verification

Curricula authored around enterprise RFCs and production standards. All learners receive browser-accessible remote GPU sandbox environments, guided micro-internships, and lifetime portal access.

STUDENT RATING

4.94 / 5.0

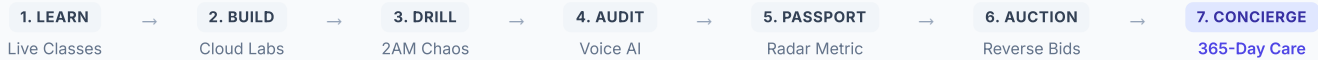
2,840+ Verified Reviews

• WHY AMEEXO ACADEMY LEADS • BANGALORE & INDIA FIRSTS

Crafting Engineers, Not Just Graduates.

We believe software engineering and AI cannot be mastered through passive videos. AMEEXO introduces India's first cognitive engineering stack powered by 8 breakthrough pedagogical pillars that mirror elite tech enterprises:

THE SEVEN-STAGE PROGRESSION ARCHITECTURE • INDUSTRY-FIRST PEDAGOGY



PILLAR 01 • INDIA FIRST

Real-Time Student Skill Passport

Zero paper fraud. Cryptographic passport with live radar scores, verified Git commits, and 1-click recruiter verification at ameexo.com/passport.

PILLAR 02 • BANGALORE FIRST

2AM PagerDuty Incident Simulator

Simulates real-world production outages: Kubernetes OOM kills, database connection pool exhaustion, Redis partition, and Kafka replication lag under pressure.

PILLAR 03 • AI-NATIVE

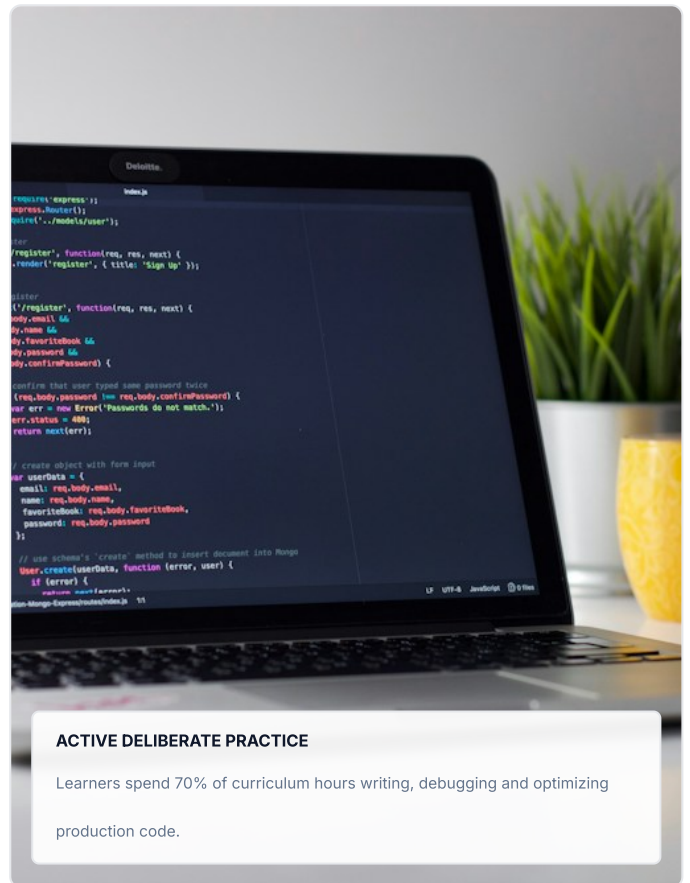
Dual-Persona AI Voice Panel

Real-time audio tech interview simulator grilling system architecture and behavioral STAR responses, benchmarked against 6,000+ candidate data points.

PILLAR 04 • INCLUSIVITY FIRST

Vernacular-to-Corporate Code Bridge

Kannada, Telugu, Tamil, and Hindi conceptual translation to English system design terminology so non-native speakers excel in global corporate tech rounds.



ACTIVE DELIBERATE PRACTICE

Learners spend 70% of curriculum hours writing, debugging and optimizing production code.

CODE AUDITING
Clean Architecture

SOLID & DRY Standards

CHAOS DRILLS
30+ Outage Drills

Live Stack Trace Triage

CI/CD DEPLOYMENT
Automated Pipelines

Docker, Kubernetes, GitHub

LIVE VERIFICATION
Skill Passport QR

Recruiter Audit Ready

• STRATEGIC PLACEMENT & SOCIAL IMPACT PILLARS

Pillars 05–08 & The 8-Stage Engineering Journey.

From sponsored bug bounty bounties and reverse talent auctions to our 365-day post-placement career concierge, our ecosystem guarantees unparalleled industry readiness.

PILLAR 05 • BOUNTIES

Sponsored Bug Bounties

Solve real enterprise open-source issues and earn ₹1,000 to ₹10,000 cash rewards directly into your student wallet.

PILLAR 06 • REVERSE AUCTION

Reverse Talent Auction

50+ hiring partners compete to hire top-performing graduates with transparent CTC bidding and fast-track interviews.

PILLAR 07 • SOCIAL IMPACT

Corporate CSR Fellowships

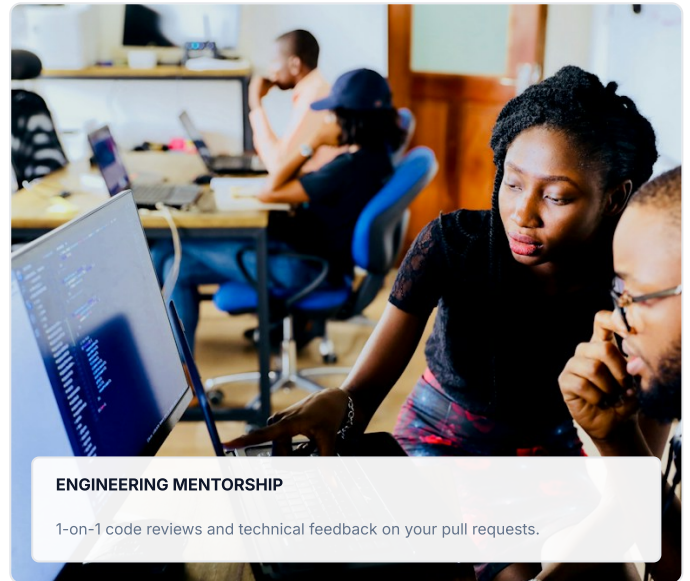
100% zero-cost sponsored seats for rural and underrepresented engineers with monthly learning stipends.

PILLAR 08 • CAREER CONCIERGE

365-Day Post-Placement Care

1 full year of probation defense, architectural reviews, promotion advisory, and crisis engineering support.

- Foundations & Algorithmic Logic**
Mathematical intuition, memory management, and baseline syntax.
- Tooling Setup & Cloud Sandbox Access**
Terminal environments, remote GPU instances, and Git workflow.
- Live Interactive Masterclasses**
Instructor-led architectural lectures with real-time pair programming.
- Zero-Config Cloud Sandboxes (70% Time)**
Hands-on problem sets executed in pre-provisioned cloud compilers.
- Industrial Micro-Internship & Bug Bounties**
Collaborative sprint simulation contributing real feature pull requests.
- 2AM Chaos Incident Defense & Voice AI Panel**
Formal code review and architecture defense before senior engineers.
- Dual Verifiable Credentials & Skill Passport**
Course Completion, Verified Internship certificate, and dynamic QR passport.
- Reverse Auction Placement & 365-Day Concierge**
Direct corporate bidding, probation coaching, and ongoing career defense.



ENGINEERING MENTORSHIP

1-on-1 code reviews and technical feedback on your pull requests.

COHORT GOVERNANCE

Small Cohort Sizes • High Accountability

Cohorts maintain a strict student-to-mentor ratio to ensure code reviews receive detailed line-by-line feedback within 48 hours.

MON – THU

Live Masterclasses

Architectural Deep Dives

FRI – SAT

Chaos Drills & Labs

2AM Simulator & Bounties

SUNDAY

Voice AI Tech Audits

Hiring Manager Panels

THROUGHOUT

365-Day Concierge

Career & Probation Defense

SCHOLARSHIP ENTRY ROUTE

AMEEXO Skill Assessment.

The AMEEXO Skill Assessment is our official, objective baseline evaluation that measures communication clarity, logical reasoning, and domain technical aptitude. It also acts as our primary merit-based scholarship pathway.

20–30

MINUTES DURATION

30

TOTAL QUESTIONS

4

CORE SECTIONS

Up to 80%

SCHOLARSHIP OFF

CURRICULUM BREAKDOWN (30 QUESTIONS)

Communication & Professional Skills

15 QUESTIONS

- **5 Questions:** Basic Communication (Comprehension & verbal logic)
- **5 Questions:** Advanced & Professional Workplace Communication
- **5 Questions:** Grammar, Syntax & Language Mechanics

Domain-Specific Technical Skills

15 QUESTIONS

- **15 Questions:** Track-Specific Technical Evaluation
- Tests core algorithmic aptitude, logical reasoning, and data structure awareness
- Calibrated specifically to your chosen engineering track

MERIT SCHOLARSHIP SCORING MATRIX

SCORE: 90% – 100%

80% OFF

Elite Presidential Merit Scholarship
voucher applied

SCORE: 75% – 89%

50% OFF

Dean's Technology Merit
Scholarship voucher applied

SCORE: 60% – 74%

30% OFF

Engineering Aptitude Scholarship
voucher applied

SCORE: BASELINE

ADMITTED

Confirmed clearance for cohort
enrollment

ASSESSMENT WORKFLOW

REGISTER → TAKE ASSESSMENT → VIEW SCORE → SCHOLARSHIP APPLIED → ENROLL

Dedicated assessment advisory: exam@ameexo.com or call +91 8147157171

TAKE ASSESSMENT ameexo.com/exam

EVALUATION PROTOCOL: PROCTORED ONLINE • 20–30 MIN TIMER • INSTANT AUTOMATED SCORE REPORT • ZERO TEST FEE

100% MERIT-BASED

• COMPLETE CATALOG

Our 9 Core Engineering Tracks.

Explore all nine verified specialized programs offered by AMEEXO Academy. Pricing verified directly against live course records on ameexo.com.

PROGRAM TITLE	DURATION	DELIVERY	LIVE TUITION	PRIMARY TECH STACK
1. Generative AI Mastery	3–4 Months	Live Online	₹25,000 ~~₹34,000~~ SAVE 29%	PyTorch, LoRA, LangChain, vLLM
2. Applied Artificial Intelligence	3–4 Months	Live Blended	₹39,999 ~~₹59,000~~ SAVE 33%	TensorFlow, PyTorch, OpenCV, CNN
3. Advanced Machine Learning	3–4 Months	Live Online	₹39,999 ~~₹59,000~~ SAVE 33%	Scikit-Learn, XGBoost, MLflow
4. Data Science and AI	4 Months	Live Online	₹49,999 ~~₹60,000~~ SAVE 20%	Python, SQL, Pandas, A/B Testing
5. AI Full Stack Development	4–5 Months	Live Interactive	₹44,999 ~~₹60,000~~ SAVE 25%	Next.js 15, React 19, Node, Docker
6. Data Analytics with AI	3 Months	Live Online	₹34,999 ~~₹49,000~~ SAVE 30%	Power BI, Tableau, SQL, Excel, DAX
7. Enterprise Java Architecture – AI	4–5 Months	Live Interactive	₹34,999 ~~₹49,000~~ SAVE 30%	Java 21, Spring Boot 3, Kafka, Docker
8. AI-Integrated Cybersecurity Defense	4 Months	Live Virtual SOC	₹34,999 ~~₹49,000~~ SAVE 28%	Splunk, Sentinel, Kali, MITRE ATT&CK
9. SAP S/4HANA Enterprise Systems – AI	4–5 Months	Live Enterprise	₹34,999 ~~₹49,000~~ SAVE 31%	SAP S/4HANA, BTP, Joule AI, Fiori

Prices reflect live promotions. For current batch schedules and seat reservation, visit ameexo.com/courses.

[EXPLORE TRACKS →](#)

NO-COST EMI FINANCING **MERIT SCHOLARSHIPS UP TO 80%**

Corporate Batch Sponsorships & Direct Enrollment Counseling

0% Interest EMI options from ₹2,916/month available across all tracks. Contact our admissions advisory desk at +91 8147157171 or scan the verification barcode to inspect syllabus specifications.



VERIFIED CATALOG
ameexo.com/courses

• ADVANCED COGNITIVE SPECIALIZATION

Generative AI Mastery

Build, deploy and scale real-world generative AI systems with hands-on practice and industry-grade architecture.



PORTAL
Course Page



From Ideas to Intelligent Systems

Learn to design, fine-tune and deploy LLMs, build RAG pipelines, and create multi-agent systems for real enterprise use cases.



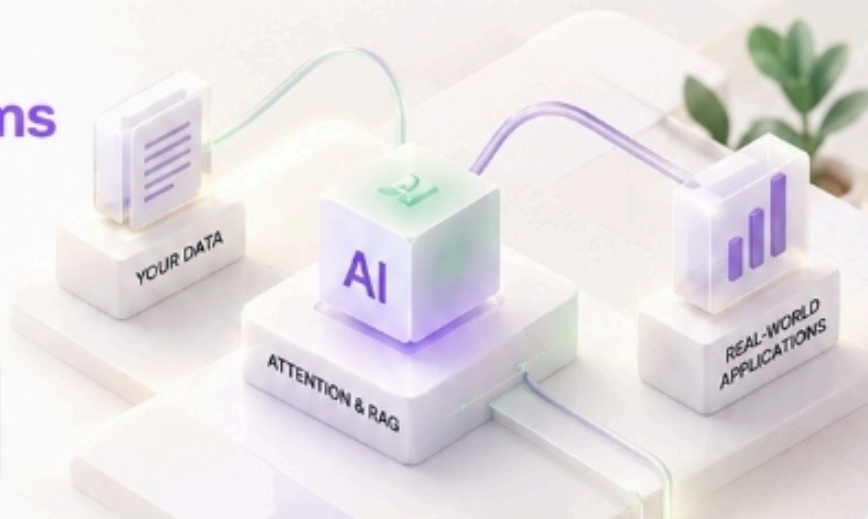
Build



Experiment



Deploy



Master Large Language Models (LLMs), Parameter-Efficient Fine-Tuning (LoRA & QLoRA), Vector Databases, Hybrid RAG pipelines, and Multi-Agent Orchestration for production enterprise architectures.

₹25,000 ~~₹34,999~~ **SAVE 29%**



Duration: 3–4 Months Intensive Cohort



Format: Live Interactive Sessions + 70% Hands-on Labs



PRODUCTION TOOLCHAIN



PyTorch 2.x



Hugging Face



LangChain



LangGraph



Pinecone



Weaviate



Tesseract OCR



LLaMA



QLoRA



LoRA

Zero setup required. Provisional GPU and server sandboxes provided throughout enrollment.

• CORE ARCHITECTURAL COMPETENCIES



PILLAR 01

Systems Architecture

End-to-end design patterns, state management, and high-throughput enterprise interfaces.



PILLAR 02

Cloud Sandbox Execution

Zero-config remote GPU server workspaces with authentic production toolchains and CI pipelines.



PILLAR 03

Capstone Defense

Architectural review and code defense evaluated by senior principal engineering practitioners.



CAREER ELIGIBILITY & WORKSPACE SPECS

Calibrated for CS students, backend engineers, and systems developers.
AI cloud sandboxes pre-configured.

EXPLORE TRACK →

CURRICULUM ARCHITECTURE

8-Stage Curriculum Roadmap.

1 Python Basics & Vector Mathematics
Data structures, matrix algebra, NumPy and PyTorch tensor operations.

2 Applied Statistics & High-Dim Embeddings
Probability density, cosine similarity, vector embedding projections.

3 Transformer Deep Dive & Self-Attention
Multi-head self-attention, positional encoding, decoder-only architectures.

4 PEFT, LoRA & QLoRA Fine-Tuning
Quantized adapters (4-bit/8-bit), instruction-tuning open weights (Llama 3, Mistral).

5 Advanced Enterprise RAG Pipelines
Dense vector retrieval (Pinecone), Cohere reranking, recursive chunking.

6 Autonomous Multi-Agent Systems
LangGraph & AutoGen: multi-agent memory, cyclic loops, tool execution.

7 Production Inference & Serving
TensorRT-LLM optimization, vLLM continuous batching, streaming APIs.

8 Enterprise Capstone & Defense
Ship an end-to-end multi-agent corporate intelligence system.

PRACTICAL PROJECTS YOU WILL BUILD

PROJECT 01

Domain-Specific LLM Fine-Tuner

Instruction-tune Llama 3 on proprietary medical or legal corpus using QLoRA 4-bit quantization.

PyTorch HuggingFace QLoRA

PROJECT 02

Multi-Modal Enterprise RAG System

Hybrid sparse-dense search engine indexing PDF archives with contextual reranking.

Pinecone LangChain Cohere

PROJECT 03

Autonomous Multi-Agent Analyst

Multi-agent squad simulating research, code generation, audit, and executive reporting.

LangGraph AutoGen vLLM

TARGET ROLES • 2026-2027 ENTERPRISE SANDBOX ACCESS

AI Engineer, LLM Architect, Prompt Systems Developer

Benchmark CTC: ₹18 – ₹35 LPA • Authentic Production Toolchain: PyTorch, LoRA, LangChain, vLLM, Pinecone

Scan the verification barcode with your mobile phone to inspect interactive sandbox compilers, weekly schedules, and reserve your cohort seat.



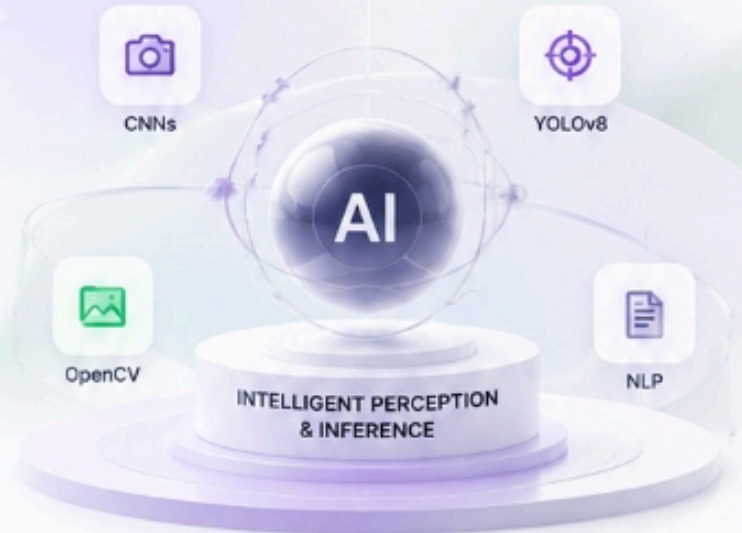
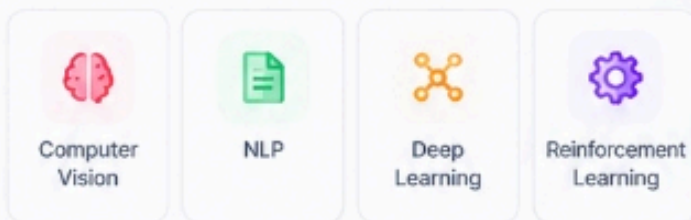
VERIFIED ENROLL

ameexo.com/courses/generative-ai

• CORE COGNITIVE SYSTEMS

Applied Artificial Intelligence

Comprehensive deep learning engineering covering CNNs, Computer Vision pipelines, YOLOv8 & OpenCV, NLP, and Reinforcement Learning.


 PORTAL
 Course Page


Comprehensive deep learning engineering covering Convolutional Neural Networks (CNNs), Computer Vision pipelines (YOLOv8 & OpenCV), Natural Language Processing, and Reinforcement Learning.

₹39,999 ~~₹50,000~~ **SAVE 33%**



Duration: 3–4 Months Intensive Cohort



Format: Live Interactive Sessions + 70% Hands-on Labs



PRODUCTION TOOLCHAIN



TensorFlow 2.x



PyTorch



OpenCV



YOLOv8



Keras



NumPy



SciPy



scikit-learn



Matplotlib

Zero setup required. Provisional GPU and server sandboxes provided throughout enrollment.

• CORE ARCHITECTURAL COMPETENCIES



PILLAR 01 Systems Architecture

End-to-end design patterns, state management, and high-throughput enterprise interfaces.



PILLAR 02 Cloud Sandbox Execution

Zero-config remote GPU server workspaces with authentic production toolchains and CI pipelines.



PILLAR 03 Capstone Defense

Architectural review and code defense evaluated by senior principal engineering practitioners.



CAREER ELIGIBILITY & WORKSPACE SPECS

Calibrated for CS students, backend engineers, and systems developers. AI cloud sandboxes pre-configured.

EXPLORE TRACK →

• CURRICULUM ARCHITECTURE

8-Stage Curriculum Roadmap.

1 Python for AI & Scientific Computing

NumPy, SciPy, vector broadcasting • 10 Lessons, 3 Labs.

2 Applied Statistics & Probability Theory

Bayesian probability, matrix calculus • 12 Lessons, 4 Labs.

3 Deep Neural Networks (DNNs)

Backpropagation, custom PyTorch autograd loss functions.

4 Computer Vision & Convolutional Networks

CNN feature maps, ResNet, YOLO object detection with OpenCV.

5 Natural Language Processing (NLP)

Word embeddings, LSTM, GRU recurrent networks and sequence models.

6 Transformer Architectures & BERT

Bidirectional attention mechanisms and sentiment classification pipelines.

7 Deep Reinforcement Learning (RL)

Q-learning, policy gradients, Deep Q-Networks (DQN) for simulation.

8 Cognitive System Capstone

Full deployment of real-time multi-modal computer vision and voice engine.

• PRACTICAL PROJECTS YOU WILL BUILD

PROJECT 01

Real-Time Object Tracking System

High-FPS video object detection and segmentation pipeline utilizing YOLOv8 and OpenCV.

PyTorch

OpenCV

YOLOv8

PROJECT 02

Transformer Sentiment Classifier

Fine-tuned BERT classifier processing multi-lingual customer reviews at 10k req/sec.

TensorFlow

BERT

HuggingFace

PROJECT 03

Autonomous Decision Agent

Deep Q-Network (DQN) agent trained in simulated game physics environments.

Gymnasium

DQN

PyTorch

TARGET ROLES • 2026-2027 ENTERPRISE SANDBOX ACCESS

AI Research Engineer, Computer Vision Architect, NLP Lead

Benchmark CTC: ₹16 – ₹34 LPA • Authentic Production Toolchain: TensorFlow, PyTorch, OpenCV, CNN, Whisper

Scan the verification barcode with your mobile phone to inspect interactive sandbox compilers, weekly schedules, and reserve your cohort seat.



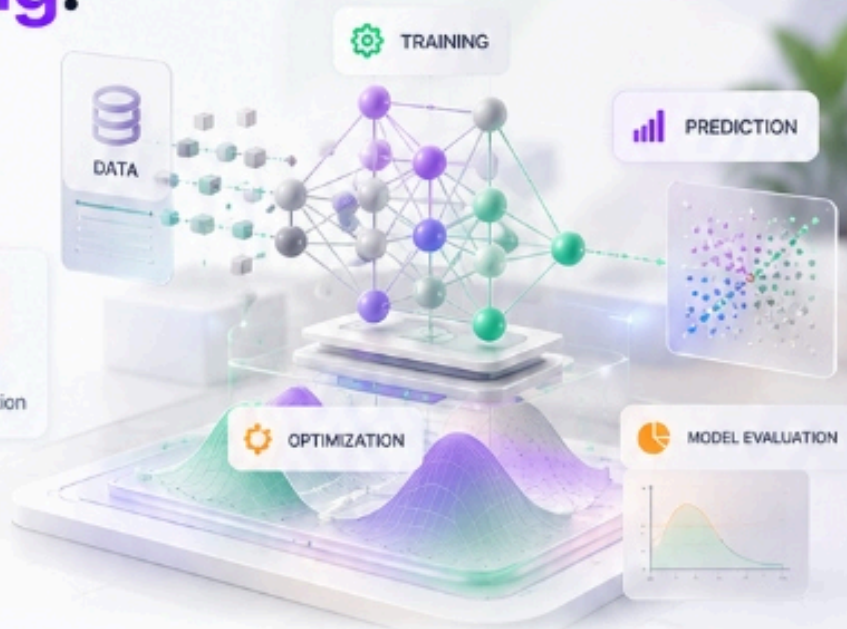
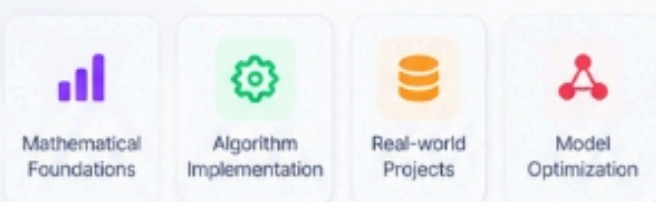
VERIFIED ENROLL

ameexo.com/courses/artificial-intelligence

• ELITE ALGORITHMIC COHORT

Advanced Machine Learning.

Master modern machine learning algorithms with mathematical foundations, real-world implementations, and industry-grade projects.



Rigorous algorithmic mastery across mathematical optimizations, high-dimensional supervised learning (SVMs, XGBoost, Random Forests), unsupervised clustering (PCA, t-SNE, K-Means), and MLflow pipeline deployment.

₹39,999 ~~₹50,000~~ **SAVE 33%**

-  **Duration:** 3–4 Months Intensive Cohort
-  **Format:** Live Online + Hands-on Algorithmic Labs

• CURRICULUM MODULES & PROJECTS

 MODULE 01 • PROJECT Credit Risk Ensemble Model Predictive default modeling on 1M+ fintech transactions using advanced XGBoost ensembles with SHAP interpretability.	 MODULE 02 • PROJECT Customer Segmentation Engine Unsupervised clustering on retail datasets via PCA, t-SNE, K-Means and Gaussian Mixture Models (GMM).	 MODULE 03 • PROJECT End-to-End MLflow Serving System Full CI/CD model registry with automated drift detection, canary deployments, and REST endpoint serving.
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CAREER ALIGNMENT & PREREQUISITES

Target Roles: Machine Learning Engineer, Quantitative Model Developer, MLOps Specialist.
 Baseline: Python & Linear Algebra basics.

[LEARN MORE →](#)

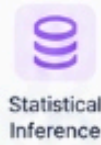
• PETABYTE SCALE ANALYTICS

Data Science and AI.

Turn data into real-world intelligence with statistical methods, machine learning and scalable data engineering.



Data Wrangling



Statistical Inference



Machine Learning



Business Analytics



Petabyte data wrangling, statistical inference, hypothesis validation, high-performance enterprise SQL queries, feature engineering, and automated machine learning pipelines deployed on cloud infrastructure.

₹49,999 ~~₹60,000~~ **SAVE 20%**

Duration: 4 Months Intensive Cohort

Format: Live Online with weekly real datasets

DATA SCIENCE STACK



Python



SQL



Pandas



NumPy



Scikit-learn



Seaborn



SciPy



Matplotlib



Jupyter



XGBoost



LightGBM



Airflow

- ✓ Complex CTEs, window functions & database indexing
- ✓ Statistical A/B testing & p-value significance analysis

• CURRICULUM MODULES & PROJECTS



PROJECT 01

E-Commerce User Churn Predictor

Wrangle 5M user activity logs to extract cohort features and predict 30-day customer churn.



PROJECT 02

A/B Testing Statistical Audit

Design, execute, and validate randomized controlled experiments with statistical confidence intervals.



PROJECT 03

Production Cloud Predictive API

End-to-end data pipeline reading streaming SQL tables, running inferences, and updating dashboards.



CAREER ALIGNMENT & PREREQUISITES

Target Roles: Data Scientist, Statistical Modeler, Predictive Analytics Lead.
Baseline: Python basics, SQL logic.

LEARN MORE →

• MODERN SAAS ARCHITECTURE

AI Full Stack Development.

Build production full-stack web applications from scratch with Next.js 15, React 19, TypeScript, Node.js microservices, Docker containers, MongoDB Atlas, PostgreSQL, and cloud deployments.



PORTAL
Course Page



₹44,999 ~~₹60,000~~ **SAVE 25%**

 **Duration:** 4–5 Months Intensive Cohort

 **Format:** Live Interactive Sessions + 70% Hands-on Labs



PRODUCTION TOOLCHAIN

Next.js 15	React 19	TypeScript	Node.js	Express	Docker
MongoDB	PostgreSQL	Tailwind CSS	AWS	EC2/S3	

Zero setup required. Provisional CPU and server sandboxes provided throughout enrollment.

• CORE ARCHITECTURAL COMPETENCIES



PILLAR 01 Systems Architecture

End-to-end design patterns, state management, and high-throughput enterprise interfaces.



PILLAR 02 Cloud Sandbox Execution

Zero-config remote GPU server workspaces with authentic production toolchains and CI pipelines.



PILLAR 03 Capstone Defense

Architectural review and code defense evaluated by senior principal engineering practitioners.



CANDIDATE ELIGIBILITY & WORKSPACE SPECS

Calibrated for CS students, backend engineers, and systems developers. AI cloud sandboxes pre-configured.

EXPLORE TRACK →

• CURRICULUM ARCHITECTURE

6-Module Full Stack Roadmap.

1 HTML5, CSS3, Modern UI & Tailwind
Responsive layouts, mobile-first design, accessibility • 8 Lessons.

2 JavaScript ES6+ & TypeScript Mastery
Closures, async/await, DOM APIs, strict TypeScript types.

3 React 19 & Next.js 15 App Router
Server Components (RSC), server actions, dynamic routing, Zod validation.

4 Backend Architecture: Node.js & Express
RESTful APIs, JWT authentication, rate limiting, middleware • 10 Lessons.

5 Database Engineering: SQL & NoSQL
PostgreSQL, MongoDB Atlas, Prisma ORM, transactions, indexing.

6 Docker, CI/CD & AWS Deployment
Multi-stage Dockerfiles, GitHub Actions CI/CD, AWS EC2 & S3 hosting.

• PORTFOLIO PROJECTS YOU WILL DEPLOY

PROJECT 01

Multi-Tenant SaaS Workspace

Full Next.js 15 app with organization roles, billing webhooks, and PostgreSQL schemas.

Next.js 15 Prisma Postgres

PROJECT 02

Real-Time Collaborative Canvas

Interactive document editor with WebSocket synchronization, Redis caching, and CRDTs.

Node.js Socket.io Redis

PROJECT 03

Containerized Microservices Cluster

Dockerized distributed services with NGINX reverse proxy deployed to AWS EC2 instances.

Docker AWS GitHub Actions

TARGET ROLES • 2026-2027 ENTERPRISE SANDBOX ACCESS

Full Stack SaaS Architect, Microservices Lead, DevOps Engineer

Benchmark CTC: ₹12 – ₹26 LPA • Authentic Production Toolchain: Next.js 15, React 19, Node.js, Docker, MongoDB

Scan the verification barcode with your mobile phone to inspect interactive sandbox compilers, weekly schedules, and reserve your cohort seat.



VERIFIED ENROLL

ameexo.com/courses/full-stack

• BUSINESS INTELLIGENCE COHORT

Data Analytics with AI.

Transform unstructured corporate datasets into executive decisions.



PORTAL
Course Page



Transform unstructured corporate datasets into executive decisions. Master Power BI, Tableau, Advanced Excel, enterprise SQL querying, DAX modeling, and AI-assisted data storytelling.

₹34,999 ~~₹49,999~~ **SAVE 30%**



Duration: 3 Months Intensive



Format: Live Interactive Sessions + Hands-On BI Labs



BI & ANALYTICS TOOLCHAIN



Microsoft
Power BI



Tableau



Advanced
Excel



SQL



Python



DAX



Power
Query



R

- ✓ Complex DAX calculations and data modeling
- ✓ Executive KPI presentation dashboards

• PORTFOLIO PROJECTS & CASE STUDIES



CASE STUDY 01

Omnichannel Retail Dashboard

Interactive Power BI executive dashboard analyzing inventory turnover across 50 regional stores.



CASE STUDY 02

SaaS Revenue Cohort Analysis

SQL-based retention curves and Net Revenue Retention (NRR) tracking over 24 billing periods.



CASE STUDY 03

Healthcare Operations Tracker

Tableau operational report monitoring patient wait times, hospital bed occupancy, and triage efficiency.



CAREER ALIGNMENT & PREREQUISITES

Target Roles: Business Intelligence Engineer, Data Analytics Consultant, Power BI Specialist. **Baseline:** Open to all degrees.

LEARN MORE →

• HIGH-CONCURRENCY BACKEND SYSTEMS

Enterprise Java Architecture – AI.

Design and build scalable, secure, and AI-enabled enterprise backend systems using modern Java technologies and distributed architecture patterns.



PORTAL
Course Page
→



Advanced Java Core and Enterprise Systems
Architecture covering multi-threaded concurrency,
Spring Boot 3 microservices, Hibernate ORM, Spring
Security JWT, Docker, and distributed Kafka streams.

₹34,999 ~~₹49,999~~ **SAVE 30%**

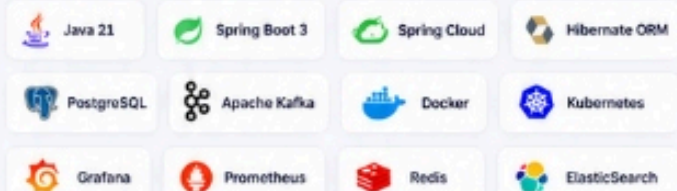


Duration: 4–5 Months Intensive Cohort



Format: Live Interactive Sessions + 70% Hands-on Labs

PRODUCTION TOOLCHAIN



- ✓ High-availability, fault-tolerant system design
- ✓ Real-world distributed architecture and deployment

• CORE ARCHITECTURAL COMPETENCIES



PILLAR 01

Systems Architecture

End-to-end design patterns, state management, and high-throughput enterprise interfaces.



PILLAR 02

Cloud Sandbox Execution

Zero-config remote GPU server workspaces with authentic production toolchains and CI pipelines.



PILLAR 03

Capstone Defense

Architectural review and code defense evaluated by senior principal engineering practitioners.



CANDIDATE ELIGIBILITY & WORKSPACE SPECS

Calibrated for CS students, backend engineers, and systems developers.
AI cloud sandboxes pre-configured.

EXPLORE TRACK →

CURRICULUM ARCHITECTURE

8-Module Enterprise Java Roadmap.

- Advanced Java 21 Core & JVM Internals**
Garbage collection tuning, virtual threads, memory model • 10 Lessons.
- Multithreading & High-Concurrency**
ForkJoinPool, thread pools, lock-free data structures, atomics.
- Spring Boot 3 Enterprise Framework**
Dependency injection, AutoConfiguration, Spring Data JPA, Hibernate.
- Distributed Microservices Architecture**
Eureka registry, Spring Cloud Gateway, Resilience4j circuit breakers.
- Apache Kafka Event Streaming**
Pub/sub messaging, partitions, consumer groups, exactly-once semantics.
- Spring Security 6 & OAuth2 / JWT**
Role-based access control, cryptographic signature verification, stateless auth.
- Docker, Kubernetes & Helm Orchestration**
Containerization, pod scaling, ingress rules, persistent volumes.
- Financial Banking Engine Capstone**
High-throughput distributed transactional ledger handling 50k req/sec.

PRACTICAL ENTERPRISE DELIVERABLES

DELIVERABLE 01

Core Banking Settlement Engine

Spring Boot 3 transactional gateway with distributed locking over PostgreSQL.

Java 21 Spring Boot 3

DELIVERABLE 02

Kafka Event-Driven Trading Bus

Stream-processing financial ledger publishing real-time order executions.

Kafka Docker

DELIVERABLE 03

Kubernetes Microservices Mesh

Full deployment of 6 interconnected microservices orchestrated with Eureka and Docker.

Kubernetes Eureka

TARGET ROLES • 2026-2027 ENTERPRISE SANDBOX ACCESS

Principal Java Architect, Distributed Systems Lead, Backend Engineer

Benchmark CTC: ₹15 – ₹32 LPA • Authentic Production Toolchain: Java 21, Spring Boot 3, Kafka, Docker, Kubernetes

Scan the verification barcode with your mobile phone to inspect interactive sandbox compilers, weekly schedules, and reserve your cohort seat.



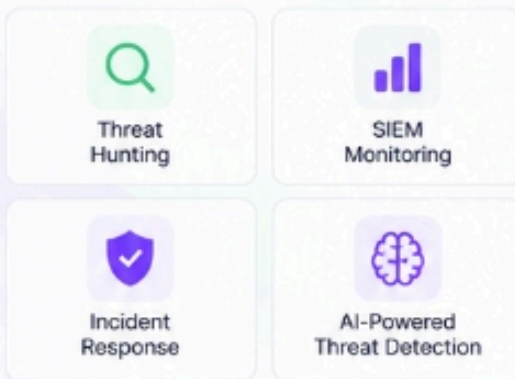
VERIFIED ENROLL

ameexo.com/courses/java-architecture

• SOC OPERATIONS & THREAT INTELLIGENCE

Cybersecurity + AI Defense.

Offensive and defensive cybersecurity engineering with AI-driven threat detection, real-time monitoring, and enterprise-grade defense systems.

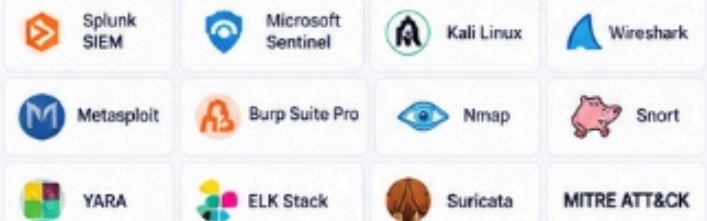


Offensive and defensive cybersecurity engineering integrating AI-driven threat hunting, Splunk SIEM log telemetry, Microsoft Sentinel, penetration testing, network packet forensics, and compliance frameworks.

₹34,999 ~~₹49,999~~ **SAVE 30%**

Duration: 4 Months Intensive Cohort
Format: Live Interactive Sessions + 70% Hands-on Labs

PRODUCTION TOOLCHAIN



- ✓ Real-world SOC environment with log pipelines
- ✓ Threat detection, incident response and compliance labs

• CORE ARCHITECTURAL COMPETENCIES



PILLAR 01

Systems Architecture

End-to-end design patterns, state management, and high-throughput enterprise interfaces.



PILLAR 02

Cloud Sandbox Execution

Zero-config remote GPU server workspaces with authentic production toolchains and CI pipelines.



PILLAR 03

Capstone Defense

Architectural review and code defense evaluated by senior principal engineering practitioners.



CANDIDATE ELIGIBILITY & WORKSPACE SPECS

Calibrated for CS students, backend engineers, and systems developers.
 AI cloud sandboxes pre-configured.

EXPLORE TRACK →

CURRICULUM ARCHITECTURE

8-Stage Cyber Defense Roadmap.

- 1 Network Protocols & Packet Forensics**
TCP/IP handshake, DNS spoofing, Wireshark packet dissection • 8 Labs.
- 2 Linux Systems & Security Hardening**
SSH key management, iptables firewalls, kernel auditing, permissions.
- 3 Ethical Hacking & Penetration Testing**
Kali Linux, Metasploit, Nmap vulnerability scanning, privilege escalation.
- 4 Web Application Security & OWASP Top 10**
SQL injection, XSS, CSRF, SSRF, Burp Suite Pro interception.
- 5 SIEM Architecture & Splunk Operations**
Log ingestion, indexers, search processing language (SPL), dashboards.
- 6 AI Threat Hunting & Microsoft Sentinel**
Anomaly detection algorithms, automated SOAR playbooks, alert triaging.
- 7 Incident Response & Digital Forensics**
Memory dump analysis (Volatility), timeline reconstruction, chain of custody.
- 8 Live SOC War Room Defense Capstone**
Real-time blue-team defense against simulated red-team ransomware attack.

SIMULATED ATTACK & DEFENSE LABS

WAR ROOM 01

Enterprise Penetration Audit

Conduct black-box penetration assessment on simulated corporate network with remediation brief.

Kali Linux Metasploit

WAR ROOM 02

Splunk Autonomous SOC Engine

Ingest 1M+ active syslogs to create real-time correlation alerts for brute-force attacks.

Splunk SPL

WAR ROOM 03

Ransomware Containment Defense

Simulated live intrusion: quarantine infected subnets, extract C2 indicators, restore backups.

Sentinel Wireshark

TARGET ROLES • 2026-2027 ENTERPRISE SANDBOX ACCESS

AI SOC Analyst, Cloud Security Architect, Threat Hunter, Ethical Hacker

Benchmark CTC: ₹14 – ₹30 LPA • Authentic Production Toolchain: Splunk SIEM, Microsoft Sentinel, Kali Linux, Burp Suite Pro

Scan the verification barcode with your mobile phone to inspect interactive sandbox compilers, weekly schedules, and reserve your cohort seat.



VERIFIED ENROLL

ameexo.com/courses/cybersecurity-ai

• ENTERPRISE ERP TRANSFORMATION

SAP S/4HANA Enterprise – AI.

End-to-end SAP S/4HANA implementation with AI-driven enterprise transformation across finance, supply chain, manufacturing, HR, and analytics.



Cloud ERP Transformation



AI-Powered Business Processes



Real-time Analytics (SAC)



Secure & Compliant Enterprise

Full-cycle SAP S/4HANA implementation integrated with generative AI, Joule AI, SAP BTP (Business Technology Platform), Clean Core ABAP, Cloud RAP, Fiori apps, and SAP Analytics Cloud (SAC).

₹34,999 ~~₹49,999~~ **SAVE 31%**



Duration: 4–5 Months Intensive Cohort



Format: Live Interactive Sessions + 70% Hands-on Labs

• CORE ARCHITECTURAL COMPETENCIES



PILLAR 01

Systems Architecture

End-to-end design patterns, state management, and high-throughput enterprise interfaces.



PILLAR 02

Cloud Sandbox Execution

Zero-config remote GPU server workspaces with authentic production toolchains and CI pipelines.



PILLAR 03

Capstone Defense

Architectural review and code defense evaluated by senior principal engineering practitioners.



CANDIDATE ELIGIBILITY & WORKSPACE SPECS

Calibrated for CS students, backend engineers, and systems developers. AI cloud sandboxes pre-configured.

EXPLORE TRACK →



PORTAL
Course Page



PRODUCTION TOOLCHAIN



SAP S/4HANA



SAP BTP



Joule AI



SAP Fiori



ABAP RAP



SAP Analytics Cloud



SAP PI/PO



SAP MM



SAP SD



SAP HCM



SAP S/4 Finance



Clean Core



Real-world enterprise workflows and integration scenarios



Cloud-ready, AI-enabled SAP transformation

• FULL 8-MODULE ENTERPRISE ERP CURRICULUM

SAP S/4HANA Systems Roadmap.

1	SAP S/4HANA & Enterprise Navigation Master data governance, Fiori user experience.	5	SAP BTP & Joule AI Copilot BTP Cloud Foundry, GenAI Hub Joule integration.
2	SAP FICO Financials & Controlling General Ledger, AP/AR, AI Cash Flow Forecasting.	6	Clean Core ABAP Cloud & RAP CDS Views, behavior definitions, OData V4 services.
3	SAP Materials Management (MM) Purchasing cycles, inventory valuation, supply chains.	7	SAP Analytics Cloud (SAC) Modeling Live HANA database connectivity, predictive forecasting.
4	SAP Sales & Distribution (SD) Order-to-Cash, pricing, delivery, billing reconciliation.	8	Full-Cycle S/4HANA Implementation SAP Activate methodology, Company Code rollout.

• CAREER SALARY BENCHMARKS (LPA)

TRANSFORMATION LEAD ₹25–55 LPA	BTP & AI ARCHITECT ₹20–45 LPA	S/4HANA CONSULTANT ₹12–28 LPA	ABAP CLOUD ENG ₹10–24 LPA
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TARGET ROLES • 2026-2027 ENTERPRISE SANDBOX ACCESS

SAP Enterprise Consultant, Joule AI Systems Specialist, BTP Architect

Benchmark CTC: **₹16 – ₹34 LPA** • Authentic Production Toolchain: **SAP S/4HANA Cloud, BTP, Joule AI, ABAP Cloud RAP, Fiori**

Scan the verification barcode with your mobile phone to inspect interactive sandbox compilers, weekly schedules, and reserve your cohort seat.



VERIFIED ENROLL

ameexo.com/courses/sap-enterprise-ai

• PORTFOLIO DELIVERABLES

What You Will Actually Ship.

Employers evaluate candidates on code you have shipped, not multiple-choice quiz scores. AMEEXO capstone projects are structured as production software repositories with architectural documentation, unit tests, and live URLs.

ENTERPRISE SAAS

Multi-Tenant Next.js 15 Platform

Complete SaaS architecture with Stripe/Razorpay billing, organization workspaces, JWT session security, and streaming OpenAI integrations.

- Containerized with Docker & deployed to AWS EC2

AUTONOMOUS AI

Multi-Agent Research & Synthesis Squad

Orchestrated LangGraph network where autonomous agents scrape filings, query vector embeddings, audit assertions, and compile PDF briefs.

- Hybrid sparse-dense retrieval on Pinecone index

FINANCIAL BACKEND

High-Concurrency Banking Gateway

Spring Boot 3 distributed microservices handling ACID monetary transactions, distributed locking, and Kafka audit streams.

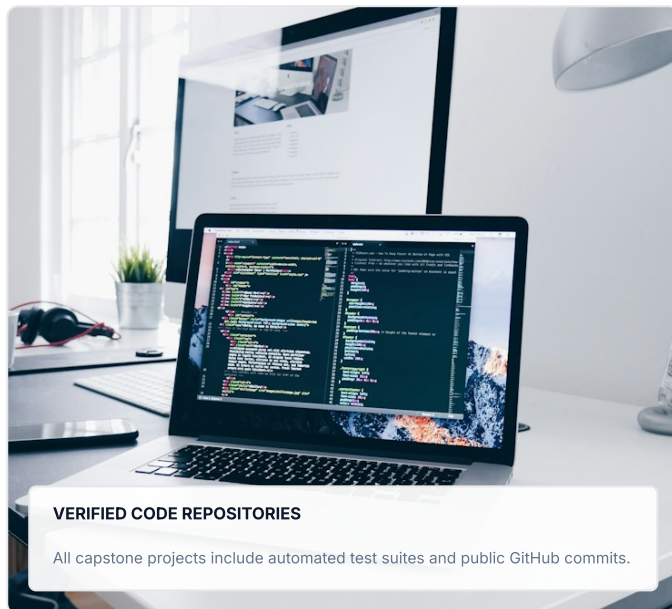
- Resilient circuit-breakers and Eureka service registry

SECURITY WAR ROOM

Simulated Ransomware Incident Defense

Live red/blue team exercise identifying zero-day intrusion vectors, analyzing Wireshark captures, and executing automated playbooks.

- Splunk & Microsoft Sentinel log correlation



50+

PRODUCTION TOOLCHAINS

The Enterprise Tech Stack Matrix.

AMEEXO Academy trains engineers on authentic, enterprise-grade developer platforms, cloud GPU fabrics, and mission-critical enterprise systems.

1. AI, LLM & Deep Learning

Tensor operations, fine-tuning, vector search, serving.

- PyTorch 2.x

TensorFlow

Hugging Face

LangChain

LangGraph
- Pinecone

ChromaDB

TensorRT-LLM

LoRA/QLoRA

CUDA

vLLM
- AutoGen

2. Modern Full Stack & Cloud

React Server Components, microservices, containerization.

- React 19

Next.js 15

TypeScript

Node.js

Express
- MongoDB Atlas

Docker

AWS EC2/S3

Tailwind CSS

Redis

3. Enterprise Java & Distributed Systems

High-concurrency streaming, ACID transactional persistence.

- Java 21

Spring Boot 3

Spring Cloud

Hibernate ORM
- PostgreSQL

Apache Kafka

Eureka

Maven

Kubernetes

4. Cybersecurity & Autonomous SOC

SIEM log ingestion, packet inspection, ethical hacking.

- Splunk

Microsoft Sentinel

Kali Linux

Metasploit
- Burp Suite Pro

Wireshark

Snort

YARA

MITRE ATT&CK
- Trivy

5. SAP S/4HANA & Enterprise BTP

Enterprise ERP, Joule AI copilot, clean core extensions.

- SAP S/4HANA

SAP BTP

Joule AI

SAP Fiori

ABAP RAP
- SAC Analytics

SAP FICO

SAP MM

SAP SD

6. Data Science & Business Intelligence

Interactive business dashboards, statistical inference.

- Microsoft Power BI

Tableau

Advanced Excel

SQL

Python
- Pandas

NumPy

DAX

Scikit-learn

Enterprise Sandbox Specifications & Remote Cluster Access

Every enrolled learner is provisioned with browser-accessible development containers pre-installed with all 50+ toolchains, remote NVIDIA GPU nodes, and enterprise PostgreSQL/Redis databases with zero setup friction.

ZERO LOCAL SETUP

BROWSER CONNECTED

• DUAL VERIFIABLE CREDENTIALS • LIVE PASSPORT

Two-Tier Credentials & Live Skill Passport.

Every successful graduate receives dual verifiable credentials backed by India's first real-time Student Skill Passport (AMX-PASS-2026-9104) with live QR verification.

CREDENTIAL 01

Course Completion Certificate

Validates completion of live interactive masterclasses, cloud labs, and milestone architectural reviews.



- Cryptographic Certificate ID issued on ameeexo.com
- 1-Click LinkedIn Add-to-Profile integration

CREDENTIAL 02

Industrial Internship Certificate

Certifies collaborative sprint execution and merged production pull requests with senior lead sign-off.



- Lists verified production pull requests & sprint deliverables

INNOVATION PILLAR 01

VERIFIED GOLD • 91.3%

Live Student Skill Passport

Passport ID: AMX-PASS-2026-9104

Java Architecture & Spring Boot	94%
Distributed SQL & Cache Layers	90%
2AM Incident Chaos Response	95%
Docker & Cloud Architecture	88%
Voice AI System Design Scrutiny	91%



RECRUITER 1-CLICK AUDIT
Scan to Inspect Live Passport

ameexo.com/passport/AMX-PASS-2026-9104

INSTANT EMPLOYER AUDIT • ZERO RESUME FRAUD

SHA-256 IMMUTABLE

Recruiters inspect verified pull requests, stack trace triage speed, and live architecture grades directly on ameeexo.com/passport.

• CAREER ACCELERATION • STRATEGIC INNOVATIONS

Career Acceleration & Strategic Innovations.

We do not make empty placement promises. We provide India's most advanced technical hiring ecosystem — combining chaos engineering simulators, AI voice panels, reverse auctions, and 365-day placement concierge.

STAGE 01 • ATS AUDIT

Resume Engineering & LinkedIn

1-on-1 resume revamp with senior leads to guarantee ATS clearance and highlight production metrics.

STAGE 02 • PILLAR 02

2AM PagerDuty Incident Simulator

Triage live production outages under pressure. Fix real memory leaks and connection pool drops.

STAGE 03 • PILLAR 03

Dual-Persona Voice AI Technical Audits

Simulated live audio screening grilling architecture tradeoffs with instant benchmark analytics.



INTERVIEW READINESS STANDARD

Rigorous behavioral STAR preparation and algorithmic mock rounds.



TRY LIVE SIMULATOR

2AM Chaos Outage Drills

ameexo.com/dashboard/student/incident-simulator

STAGE 04 • PILLAR 06

Reverse Talent Auction

Top-ranked graduates receive transparent CTC bids directly from 50+ enterprise hiring partners.

STAGE 05 • PILLAR 05

Sponsored Bug Bounties

Merge verified enterprise bug fixes and earn ₹1,000 to ₹10,000 cash rewards directly in wallet.

STAGE 06 • PILLAR 08

365-Day Career Concierge

1 full year of probation defense, architectural reviews, promotion advisory, and crisis support.

HIRING NETWORK

50+ Enterprise Hiring Partners • Product Startups • Global Systems Integrators

DIRECT REVERSE AUCTION

CULTURE, DIGNITY & PROFESSIONAL STANDARDS • OUR CORE CHARTER

How Learners & Team Members Are Treated.

At AMEEXO Academy, respect, psychological safety, and professional dignity are non-negotiable. Whether you are an enrolled student, a mentor, or an employee, here is our binding institutional charter:

CHARTER 01 • DAY ONE STATUS

Associate Engineers in Residence

You are never treated as a passive classroom student. From day one, you are inducted as an **Associate Software Engineer in Residence** with professional repository access, daily standups, sprint retrospectives, and direct code ownership.

CHARTER 02 • ZERO TOXICITY

Psychological Safety & Empathy

Zero tolerance for condescension, ridicule, or gatekeeping. Stack trace exceptions and compilation errors are celebrated as essential learning milestones. Mentors guide with patience, clarity, and constructive code reviews.

CHARTER 03 • LINGUISTIC INCLUSIVITY

Vernacular Empathy & Mentorship

No learner is ever left behind due to English hesitation. Dedicated bilingual mentors explain complex distributed systems in **Kannada, Telugu, Tamil, and Hindi**, ensuring deep conceptual clarity before translating to corporate English.

CHARTER 04 • FACULTY & STAFF

Employee & Mentor Dignity

Our mentors and team members are active engineering practitioners, treated with high intellectual autonomy, continuous compute stipends, dedicated research time, transparent equity incentives, and an inspiring work culture.

LIFETIME ACCESS

Course Updates

Always Stay Current

ALUMNI NETWORK

2,840+ Engineers

Private Community

CAREER CONCIERGE

365-Day Care

Probation & Promotion

ADVISOR SLA

≤ 48 Hours

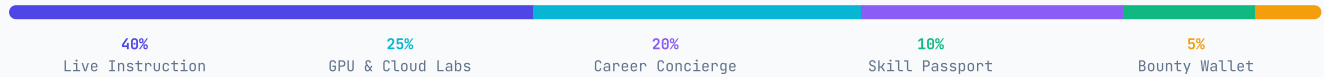
Guaranteed Support

• 100% FINANCIAL TRANSPARENCY • COMPLETE INCLUSIONS

Transparent Fee Breakup & Inclusions.

Zero hidden charges. Zero surprises. Every rupee of tuition directly funds your live engineering instruction, cloud compute, verifiable credentials, and guaranteed career acceleration.

OFFICIAL TUITION ALLOCATION BREAKUP • WHERE YOUR INVESTMENT GOES



WHAT YOU RECEIVE

Complete Inclusions Package

- 100% Live Interactive Cohorts (Zero pre-recorded shortcuts)
- Unlimited Cloud GPU Sandboxes with zero local setup
- Dual Verifiable Credentials (Course + Internship certificates)
- Verified Student Skill Passport with live QR audit badge
- 2AM Incident Simulator with 30+ enterprise chaos drills
- Dual-Persona Voice AI Panel technical interview simulations
- Reverse Talent Auction access with 50+ corporate hiring partners
- 365-Day Post-Placement Concierge for probation and promotions

FINANCING & SCHOLARSHIPS

Zero-Cost EMI & CSR Fellowships

0% No-Cost EMI Financing

3, 6, 9, and 12-month zero-interest installments via trusted partners (Zest, Propelld, LiquiLoans). Zero hidden fees.

Merit Scholarships (Up to 80%)

Earn significant fee reductions based on your score in the 30-minute AMEEXO Online Skill Assessment at ameexo.com/exam.

100% Free Corporate CSR Fellowships

Fully sponsored seats with monthly learning stipends for rural and underprivileged talent under our corporate social mobility program.

SPEAK WITH ADMISSIONS IMMEDIATE INTAKE DESK

Direct Enrollment Hotline & Counseling

Hotlines: +91 8147157171 | +91 8147157172 | Email: office@ameexo.com

Scan the QR barcode to verify batch slots, scholarship eligibility, and sandbox activation.

[EXPLORE ALL TRACKS →](#)



SCAN TO APPLY
ameexo.com/courses

• ADMISSIONS • ENROLLMENT • VERIFICATION

Architect Your Career in Cognitive Engineering.

Accelerate your engineering capability with research-driven pedagogy, zero-config cloud sandboxes, and verified industry mentorship. We welcome applications from prospective learners, working engineers, and enterprise partners.

INSTITUTIONAL DIRECTORY

Official Website	https://ameexo.com
Admissions Office	office@ameexo.com
Scholarship Exams	exam@ameexo.com
Direct Hotline	+91 8147157171, +91 8147157172
Registered Entity	AMEEXO LLP

Bengaluru Campus Headquarters:

79, 1st Main Rd, Vinayak Nagar, Nyanappana Halli, Hulimavu, Bengaluru, Karnataka 560067



ACADEMY PORTAL

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SKILL ASSESSMENT

Up to 80% merit scholarship

ameexo.com/exam →

OFFICIAL VERIFICATION & ACCREDITATION COMPLIANCE

All curriculum frameworks, toolchains, institutional ratings (4.94★ / 2,840+ reviews), and official legal registrations published in this prospectus are verified directly against live records on ameexo.com. Dynamic promotional tuition adjustments, batch availability, and merit scholarships are maintained in real time on the official portal.