



Agentic AI Engineering Course

Build the future with AI



15000+ Happy
Students



Best in Online & Offline
Training Experience



Industry Recognized
Expert Mentors

Program Curriculum

Module 1:

Foundations of Agentic AI

- What Are AI Agents?
- LLM Fundamentals (GPT, Claude, Gemini)
- Agent Architectures & Design Patterns
- Prompt Engineering → Context Engineering
- Tool Use, Function Calling & MCP



Module 2:

OpenAI & Claude Development

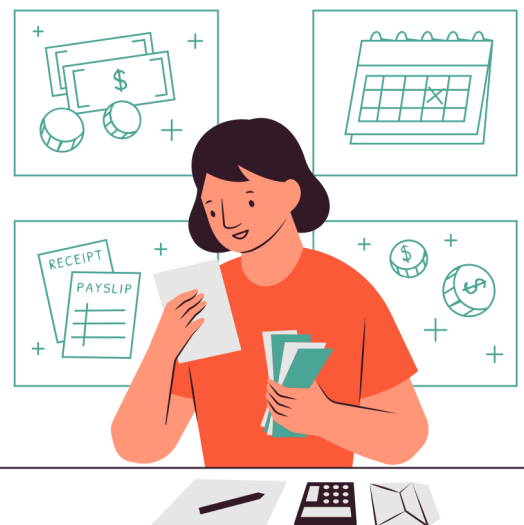
- OpenAI SDK Deep Dive
- Claude API & Agent Development
- Structured Outputs & JSON Mode
- Multi-Agent Systems
- Streaming, Memory & State Management



Module 3:

RAG Systems

- RAG Fundamentals
- Embeddings & Vector Databases
- Chunking Strategies
- Retrieval Optimization
- Hybrid Search & Re-ranking
- Advanced RAG Architectures
- Agentic RAG



Module 4:

Knowledge Systems

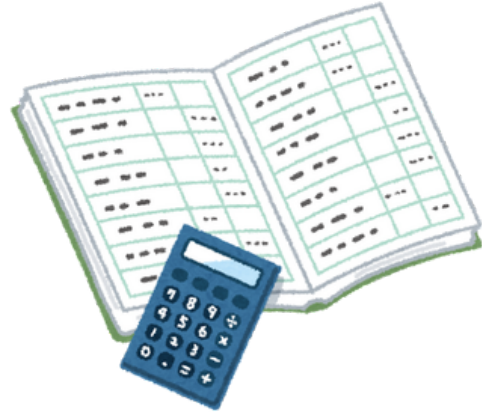
- Knowledge Graph Fundamentals
- Graph Databases (Neo4j)
- GraphRAG
- Knowledge Extraction Pipelines
- Enterprise Knowledge Systems

Program Curriculum

Module 5:

LangChain Ecosystem

- LangChain Fundamentals
- Chains, Tools & Memory
- LangGraph Fundamentals
- State Machines & Workflows
- Multi-Agent Orchestration with LangGraph
- Production LangGraph Patterns



Module 6:

Agent Engineering

- Planning & Reasoning Agents
- Reflection & Self-Correction
- Long-Term Memory Systems
- Human-in-the-Loop Agents
- Autonomous Task Execution
- Multi-Agent Collaboration



Module 7:

Evaluation & Reliability

- LLM Evaluation Fundamentals
- RAG Evaluation
- Agent Evaluation Frameworks
- OpenAI Evals
- Observability & Tracing
- Hallucination Detection
- Guardrails & Safety

Module 8:

Harness Engineering & Testing

- Harness Engineering Fundamentals
- Benchmark Design
- Automated Testing Pipelines
- Synthetic Data Generation
- Regression Testing for Agents
- Continuous Evaluation Systems



Program Curriculum

Module 9:

Developer Productivity

- Cursor for AI Engineering
- AI Coding Workflows
- Prompt Libraries & Reusable Components
- Building Internal Agent Platforms
- CI/CD for Agentic Systems

Module 10:

Production & Deployment

- Scaling Agent Applications
- Cost Optimization
- Security & Governance
- Monitoring & Operations
- Production Case Studies
- Capstone: Build a Production-Grade Agent Platform

Bonus Topics

- MCP (Model Context Protocol)
- A2A (Agent-to-Agent Communication)
- CrewAI
- AutoGen
- DSPy
- LlamaIndex
- Semantic Caching
- Fine-Tuning vs RAG
- Agent Marketplaces
- Future of Agentic AI Systems

MEET YOUR TUTOR



Nitish Galat

**Generative AI Architect | Data
Science & AI Trainer |
Consultant |
LinkedIn**

Nitish Galat

Generative AI Architect | Data Science & AI Trainer | Consultant |

- 10+ years of experience (or your specific tenure) in Data Science, Artificial Intelligence, and Corporate Training.
- Currently Generative AI Architect & Consultant, driving enterprise-grade AI solutions and high-impact AI enablement strategies.
- Trained 10,000+ professionals globally across 500+ sessions, spanning Asia and Europe for diverse industry backgrounds and career stages.
- Expertise in Python, Machine Learning, NLP, Enterprise RAG, Claude Code, MCP Integration, and Power BI & SQL.
- Delivered programs and strategic consulting with top corporate clients and academic institutions, empowering technical teams and providing C-suite AI strategy and executive enablement.
- My teaching philosophy blends rigorous technical execution with high-level strategy, utilizing hands-on implementation of agentic workflows and emerging tools to ensure learners build practical, production-ready skills.
- Passionate about bridging advanced AI engineering with corporate strategy, empowering organizations and technical leaders to drive measurable business transformation.



OUR STUDENTS ARE PLACED IN



OUR GLOBAL PARTNERS



OUR VISION

Help & Guide students globally with innovative, personalized education for empowered learning and especially in changing the Domain.

OUR MISSION

Empowering individuals worldwide, our mission is to provide accessible and top-quality education, fostering skills that drive career success and personal growth.

OUR STORY

Our story is one of dedication to shaping futures, breaking barriers, and creating a dynamic and easy learning environment for every student and Corporate professionals



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