

YOUR NEXT CHAPTER

Applied AI & Agentic AI Engineering

Build useful AI applications, evaluate their behaviour, and deploy agent workflows with the controls needed for real users.

12 WEEKS

Live + recorded + projects

120 TOTAL HOURS

10 hours / week

₹34,900

Tuition before taxes

PLANNED FIRST / FINAL SESSION

2026-11-07 / 2027-01-24

WEEKLY LIVE SCHEDULE

Saturday & Sunday · 10:00-11:30 IST

APPLY BY

2026-11-05

LEARNING-HOUR BREAKDOWN

36 live + 18 recorded + 66 independent practice

Who this is for

- + Software developers adding AI to products
- + Backend and full-stack engineers
- + Technical founders with coding experience

Before you join

- + Working knowledge of Python or JavaScript
- + Comfort with HTTP APIs and Git
- + Basic SQL and a laptop suitable for development

Apply free. Your application records interest; it does not confirm admission or reserve a paid seat. All seven tracks run independently. Holiday adjustments will be shared before admission.

WHAT YOU WILL LEARN

A curriculum built for practice.

WEEK 1-2

AI application foundations

- + LLM capabilities and limitations
- + Tokens, context and structured outputs
- + API integration and prompt versioning
- + Building a baseline application

WEEK 3-4

Retrieval that can be evaluated

- + Document parsing and chunking
- + Embeddings and vector search
- + Hybrid retrieval and reranking
- + Citations, freshness and retrieval evaluation

WEEK 5-6

Tool use and agent workflows

- + Function calling and tool schemas
- + Stateful workflows and retries
- + Human approvals and access boundaries
- + Separating instructions from untrusted content

WHAT YOU WILL LEARN

A curriculum built for practice.

WEEK 7-8

Evaluation and application safety

- + Golden datasets and task-based metrics
- + Prompt injection and data boundaries
- + Regression testing and error analysis
- + Red-team exercises in a sandbox

WEEK 9-10

Production engineering

- + Queues, rate limits and caching
- + Latency and token-cost budgets
- + Tracing, monitoring and fallbacks
- + Container deployment and release checks

WEEK 11-12

Capstone delivery and review

- + Scope and acceptance criteria
- + Build and evaluate a working prototype
- + Architecture and security review
- + Demonstration and technical handover

Tools and methods

Python / FastAPI / LLM APIs / LangGraph / PostgreSQL + pgvector / Docker / OpenTelemetry

BUILD AND APPLY

Your learning, put to work.

Capstone directions

Evidence-backed knowledge assistant

Create a document assistant with citations, retrieval tests, access boundaries and an evaluation report.

Human-reviewed operations agent

Build an agent that drafts an operational action, requests approval, and records every tool call.

AI support triage service

Classify sample tickets, retrieve relevant guidance and route uncertain cases with a measurable quality baseline.

Instructor expertise we are recruiting

Senior AI/application engineer with deployed LLM applications. Practical experience with evaluation, observability, data permissions and inference cost. Sample teaching lesson and reviewed capstone evidence required. Faculty being finalised.

Tuition and application

Launch tuition: ₹34,900 per learner, before applicable taxes. Includes planned live sessions, recordings, resources, assignments and project reviews. Paid tools and external certification exams are extra unless included in your admission offer.

Named faculty, final timetable, final payable amount and written cancellation/refund terms will be confirmed before admission and payment. Six months of post-course resource access is planned. No university affiliation, placement or salary guarantee is offered.

Apply for your November cohort

Visit the ShawGrid Academy website, open this programme and select Apply for this track. Keep the on-screen application reference and downloadable receipt. Email acknowledgements will be enabled after sender verification.