THE LEARNING STAGE
WHERE YOUR SKILLS REALLY MATTER

PROGRAM CURRICULUM · 2 MONTHS

Applied Artificial Intelligence

The most current AI skills, applied. Learn how large language models actually work, design reliable prompts, ground models in your own data with RAG, build simple agents that take actions, and ship an AI feature into a real product — responsibly.

DURATION
2 months · Training + Internship

FORMAT
Mentor-led + full LMS access

PROJECTS
6+ live, deployed projects

CERTIFICATE
Verifiable on completion

Program overview

The most current AI skills, applied. Learn how large language models actually work, design reliable prompts, ground models in your own data with RAG, build simple agents that take actions, and ship an AI feature into a real product — responsibly.

How the two months work

MONTH 1 · TRAINING

Learn by building

Hands-on, mentor-led sessions. You work through the curriculum and build the core project.

MONTH 2 · INTERNSHIP

Apply it on real work

You apply it on real work, reviewed by the same mentors, and finish with something you can show.

Who it's for & prerequisites

WHO SHOULD JOIN

- Students & early-career builders — any branch (CSE / IT ideal)
- Build with LLMs — prompting, RAG, agents and a shipped AI product feature.
- Anyone who wants job-ready, portfolio-backed skills

PREREQUISITES

- **Beginner-friendly** — starts from fundamentals
- No prior experience required; basic laptop comfort helps
- A laptop, internet, and time to practise between sessions

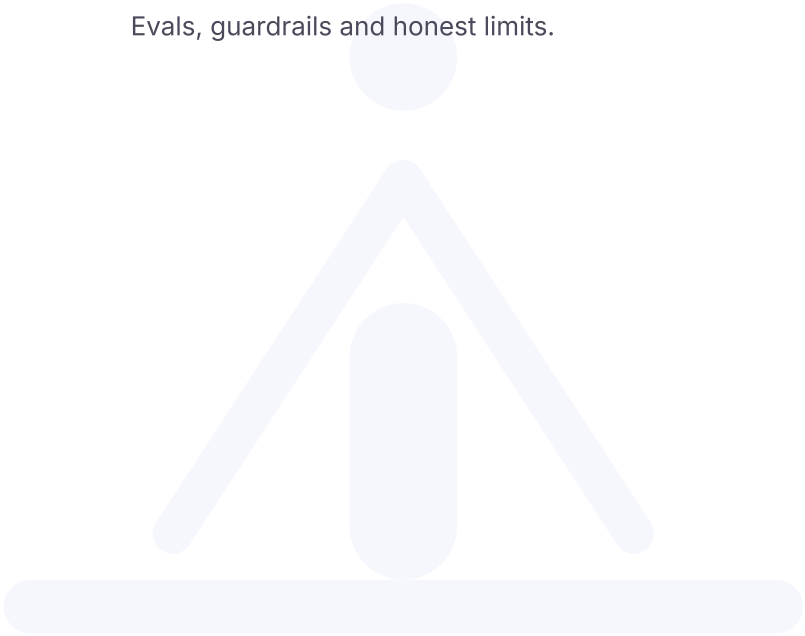
The skills you'll walk away with

How LLMs Work · Prompt Engineering · RAG · Agents & Tools · Responsible AI

Exact libraries and tools are kept current and beginner-friendly; the concepts transfer across the field.

What you'll master

How LLMs Work	Tokens, context and what models can't do.
Prompt Engineering	Reliable prompts for real features.
RAG	Ground models in your own data.
Agents & Tools	Let a model take safe actions.
Responsible AI	Evals, guardrails and honest limits.



By the end, you will be able to

- **How LLMs Work** — Tokens, context and what models can't do.
- **Prompt Engineering** — Reliable prompts for real features.
- **RAG** — Ground models in your own data.
- **Agents & Tools** — Let a model take safe actions.
- **Responsible AI** — Evals, guardrails and honest limits.
- Finish with **6+ portfolio projects** and a capstone you can show in interviews

Training curriculum — topics & what you'll do

Hands-on, mentor-led sessions. You work through the curriculum and build the core project. Lesson counts are shown per module; your mentor keeps the pace friendly for every level.

1 LLM Foundations

7 lessons

- How transformers and tokens actually work
- Calling models safely from your own back end
- Structured output and function calling
- Streaming, cost and latency in practice

2 RAG & Retrieval

9 lessons

- Embeddings and vector search
- Chunking, indexing and grounding answers
- Reducing hallucination with retrieval
- **Build.** chat over your own documents

3 Structured Output & Tools

6 lessons

- Reliable JSON / structured output
- Function calling basics
- Connecting a model to real data
- Handling failures gracefully

4 Prompt Craft & Cost

6 lessons

- Prompt patterns that hold up
- Reducing hallucination
- Latency and cost trade-offs
- Iterating with small tests

5 Agents, Evals & Ship

8 lessons

- Tool-using agents and guardrails
- Evaluating AI features honestly
- Prompt-injection and safety basics
- **Capstone.** an AI feature shipped into a product

Month 2 — the internship

Real work, same mentors, something to show

With the training behind you, month 2 puts your skills to work on real, scoped tasks. The same mentors who taught you now review your work — and you finish with a shippable project and a verifiable certificate tied to it.

YOU DO	MENTORS DO	YOU FINISH WITH
Apply your skills on real, guided work.	Review your work regularly and unblock you.	A project you can show and a certificate you can verify.

Projects you'll build

Hands-on builds across the program — each one portfolio-ready. Your capstone ties it all together.

Knowledge Bot

Build a chatbot that answers from your own documents, not just general knowledge.

LLM API · Vector DB · Embeddings

AI Agent

Create an assistant that can take real actions — look something up, then use it to finish a task.

LLM API · Tools · GitHub

Structured Extractor

Turn messy free text into clean, structured data a program can use.

LLM API · Function Calling

Quality Checker

Build a small tool that scores how good your AI feature's answers are.

Python · Evals

Multimodal Assistant

Make an assistant that understands both a picture and a question about it.

LLM API · Vision · GitHub

Guardrailed Chatbot

Ship a support bot that stays on topic and politely refuses unsafe requests.

LLM API · Guardrails

Your tools & tech

LLM API · Vector DB · Embeddings · Tools · GitHub · Function Calling · Python · Evals · Vision · Guardrails

These are the core tools you'll use across the projects. Your mentor confirms the exact versions on day one.

What you'll need

BRING

- A laptop (4 GB RAM or more) and its charger
- A stable internet connection
- A few hours to practise between sessions

PROVIDED

- Full LMS access & starter files
- Mentor support throughout
- A verifiable certificate on completion

Getting set up

Everything you need is free or provided. Your mentor shares the exact tools to install and any starter files in your welcome email — so you're ready from day one, with nothing to buy.

Reserve your place

Confirm your seat today with the registration fee. It holds your place and counts towards your program fee.

Registration fee

reserves your seat

Pay the one-time **registration fee** to lock in your place. It counts towards your program fee — not an extra charge — and the balance is confirmed when you enrol. Payments are secure, and your seat is booked the moment it clears.

Choose your plan

Core

The full two months, training and internship.

- Month 1 — full training curriculum
- Month 2 — internship on real work
- Verifiable certificate

Pro POPULAR

The same two months, with more mentor time.

- Everything in Core
- Extended mentor sessions
- Project review before demo

Your certificate

A verifiable certificate of completion

Finish the program and you receive a certificate tied to the projects you built and their live links — independently checkable at **thelearningstage.in/verify**, so it holds up when a recruiter looks it up.

Enrol in five steps

1. Visit **thelearningstage.in** and open the **Applied Artificial Intelligence** program.
2. Choose your plan — **Core** or **Pro**.
3. Confirm your seat with the **registration fee** — it counts towards your program fee.
4. Get your welcome email with **LMS access** and your start date.
5. Join Month 1 training, then move into your Month 2 internship.

Eligibility

OPEN TO

- Students & early-career builders — any branch (CSE / IT ideal)
- No prior experience required

YOU'LL NEED

- A laptop and reliable internet
- A few hours to practise between sessions

Companies hiring for these skills

OpenAI-partners

Microsoft · Google · NVIDIA · sarvam.ai · KRUTRIM · ZOHO · freshworks

These employers actively hire for skills like the ones this program builds — a signal of demand, not partners of The Learning Stage and not a placement guarantee. The program gives you the shippable skills and portfolio that make you a stronger candidate.

Frequently asked questions

Do I need an ML background?

No. This is applied AI — you use models as tools and ship features. Basic coding is enough to start.

Is this just prompting?

No. You'll do prompting, but also RAG, retrieval, agents, evaluation and safe deployment — the full applied stack.

Will I ship something real?

Yes — your capstone is an AI feature deployed into a working product, with an honest evaluation of how well it does.

Which companies hire for this?

AI-application skills are in extremely high demand. The logos shown are examples of employers actively recruiting for these skills.

Ready to start? 🚀

Two months from now, you could have real, shippable skills, a portfolio of projects, and a certificate to prove it. Come learn the way real teams work.

Enrol at thelearningstage.in · support@thelearningstage.in · +91 96527 16677

Curriculum is indicative and may be refined to suit the cohort. Fees and plans current at time of print. © 2026 The Learning Stage.