



Edversity.

APPLIED AI & LLM ENGINEER SPECIALIZATION PROGRAM

BUILD PRODUCTION-READY AI SYSTEMS
12-WEEK INTENSIVE ENGINEERING PROGRAM

- INDUSTRY-FOCUSED
- CAPSTONE-BASED
- PRODUCTION DEPLOYMENT TRAINING



Pathfinder CITADEL is Pakistan's national innovation ecosystem, designed to defy economic gravity and unlock the country's full innovation potential. Backed by Pathfinder Group and connected to global platforms including the **World Economic Forum**, CITADEL exists to transform talent into jobs, startups into scale, and innovation into sustainable economic growth.

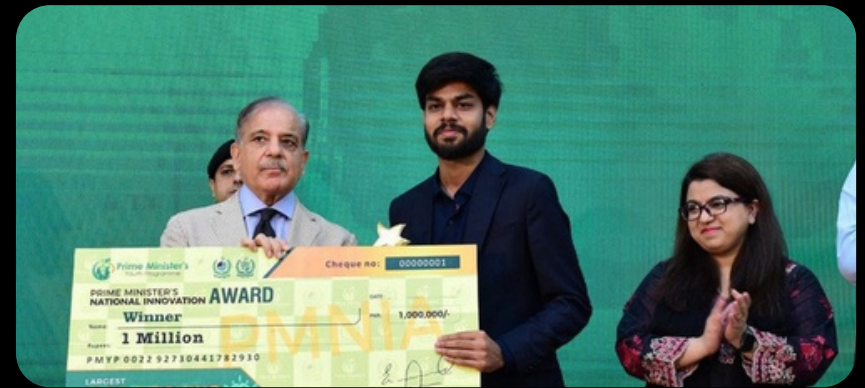
Through its integrated model, CITADEL equips graduates with **future-ready skills**, **accelerates AI** and **DeepTech startups**, and enables enterprises to adopt sovereign, responsible AI. Our mission is to build a globally competitive innovation engine that drives job creation and powers Pakistan's economic transformation.



Edversity.

Edversity is a Pakistani Edtech platform, partnered with companies like **Google, Microsoft, Cursor,** and **OpenAI**, that aims to make quality tech education accessible and affordable for everyone. Our mission is to empower the youth of Pakistan with the education and skills they need to grow and thrive in the digital age.

At Edversity, we are transforming education in Pakistan by equipping youth with skills in **Blockchain, Web 3.0, AI, and Cybersecurity.** We connect students, educators, and industry partners to overcome barriers, drive innovation, and ensure equitable access to quality education for all.



#1 Education Platform

Recognized by
Prime Minister of Pakistan

13K+

STUDENTS TRAINED

\$5M+

EARNED BY STUDENTS

150+

STUDENT STARTUPS

70%

STUDENT PLACEMENTS

WHY CITADEL-EDVERSITY TECH FELLOWSHIP?



Industry Tailored AI Curriculum



1:1 Mentorship with AI Experts



Vibrant AI Students' Community



Globally Recognized Certification



Placement Support of 250+ Companies



AI Powered Learning Platform

OUR COLLABORATIONS



WHY AI IS THE NEXT BIG THING?



IBM
<https://www.ibm.com> › think › insights › ai-skills-gap

AI Skills Gap

In 2024, AI spending will grow to over USD 550 billion, and there will be an expected AI talent gap of 50%, according to new research from Reuters. [Read more](#)



The World Economic Forum
<https://www.weforum.org> › stories › 2025/10 › ai-s-ne...

How we can balance AI overcapacity and talent shortages

03-Oct-2025 — At the same time, 94% of leaders face AI-critical skill shortages today, with one in three reporting gaps of 40% or more. While shortages are ... [Read more](#)



McKinsey & Company
<https://www.mckinsey.com> › capabilities › our-insights

The State of AI: Global Survey 2025

05-Nov-2025 — In this 2025 edition of the annual McKinsey Global Survey on AI, we look at the current trends that are driving real value from artificial ...



hcamag.com
<https://www.hcamag.com> › transformation › ai-skills-to...

AI skills top list of hardest-to-find capabilities for employers ...

4 days ago — ManpowerGroup reported that the global talent shortage has climbed from 40% in 2016 and 45% in 2018 to 69% in 2021 and a peak of 77% in 2023 — ... [Read more](#)

because it is the intelligence engine of the future

Artificial Intelligence and LLM engineering is rapidly expanding as AI systems become central to modern digital infrastructure. It powers high-impact applications across industries, including finance, healthcare, e-commerce, and enterprise automation, enabling engineers to build intelligent, scalable, and data-driven solutions. This makes AI engineering essential for driving innovation and productivity in the digital economy.

INTELLIGENT,
SCALABLE &
AUTONOMOUS

PROGRAM STRUCTURE OVERVIEW

PHASE 1 AI Engineering Foundations

- Advanced Python for scalable systems
- Data engineering & ETL pipelines
- Statistics & model evaluation
- Production ML systems

PHASE 3 Deep Learning & NLP

- Neural networks & PyTorch
- Transfer learning & optimization
- Transformers & embeddings

PHASE 2 LLM Engineering & RAG

- Prompt engineering
- Vector databases (FAISS, Pinecone)
- Enterprise RAG systems
- LLM guardrails & evaluation

PHASE 4 Agentic AI & Deployment

- AI agents with LangChain & LangGraph
- FastAPI serving
- Docker & CI/CD
- Monitoring & MLOps

Checkout detailed Curriculum

Key Use Cases of AI



Financial and Banking



Government Services



Healthcare Services

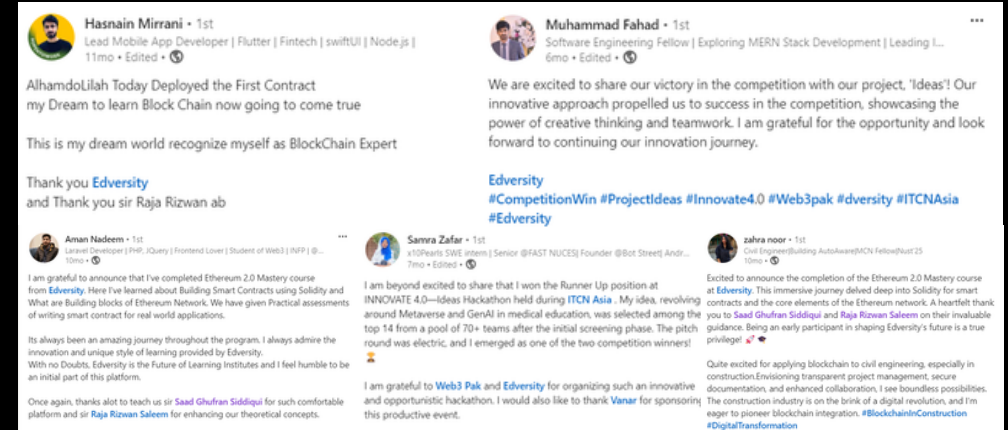


Education



Retail and E-commerce

Students Love Our Programs



Top Placement Partners



Launch Your Career as a **AI Engineer**

100%

Risk-Free Learning Guaranteed!

One-Time

Pay your fee upfront and leave everything on Edversity

Rs. 99,999/-

Complete Program

Installments

Pay your fee in three equal instalments

Rs. 34,999/-

Per Installment

ANY QUESTIONS?

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