

UNOVYX ACADEMY

AI for IT Professionals

Transform the way you design, build and deliver software using AI.

4-Month Weekend Program | Live Online | Capstone-led

PROGRAM GUIDE

unovyx.com



A practical AI program built around real software work

The program focuses on applying AI across requirements, engineering, delivery, productivity and end-to-end execution.

SE

Software
Engineers

QA

QA
Engineers

BA

Business
Analysts

PM

Product
Managers

AR

Architects

DM

Delivery
Managers

What makes this different

- AI across the full software lifecycle
- Enterprise-focused examples and workflows
- Weekend-friendly for working professionals
- Capstone that demonstrates practical capability

A structured, outcome-driven learning experience

4 Months

Program duration

Sat + Sun

Weekend live sessions

~32

Instructor-led classes

1

End-to-end capstone

Learning format

L

LIVE

Instructor-led sessions

P

PRACTICE

Hands-on exercises

A

APPLY

Assignments and use cases

B

BUILD

Capstone project

Month-wise Learning Roadmap

Live online | Saturdays & Sundays

A structured journey from AI foundations to an end-to-end capstone project.

MONTH 1

AI Foundations & AI-assisted Software Engineering

- Modern AI, LLMs and prompt engineering
- BRD, user stories and NFR analysis
- Coding, debugging, code review and SQL

MONTH 2

Software Delivery & Building AI Applications

- Agile, JIRA, ServiceNow and SDLC workflows
- Excel-based reporting and analysis with AI
- RAG, MCP, AI agents and automation

MONTH 3

AI Productivity & Capstone - Phase 1

- Email, PPT and technical documentation
- Capstone planning and solution design
- Initial implementation and mentoring

MONTH 4

Capstone - Phase 2

- Development, testing and deployment
- Documentation and final presentation
- Demo day and portfolio-ready outcome

32 live sessions | Weekend format | Practical exercises | Guided capstone

Week-by-Week Program Plan

16 weeks | 2 live sessions per week

Each week combines instructor-led learning, practical exercises and guided application.

FOCUS	KEY COVERAGE
AI Foundations	LLMs, prompt engineering, responsible AI, RAG/MCP/agentic overview
Requirements Engineering with AI	BRD analysis, user stories, acceptance criteria, NFRs and documentation
AI-assisted Software Engineering	Coding, debugging, refactoring, code review, SQL and query improvement
Software Design Fundamentals	APIs, microservices, DDD concepts and system-design thinking
Software Delivery with AI	Agile, JIRA, ServiceNow, planning, metrics and stakeholder reporting
Building AI Applications - RAG	Knowledge retrieval, embeddings, document grounding and response quality
Building AI Applications - MCP & Agents	Tool use, context exchange, agent design and human-in-the-loop
Automation & AI Workflows	Workflow orchestration, integrations and engineering-team automation
AI Productivity for IT Professionals	Email, PPT, Excel, meetings, research and technical documentation
Capstone Planning	Problem selection, scope, user journeys, architecture and delivery roadmap
Capstone Development - I	Core solution implementation with mentor checkpoints
Capstone Development - II	Integration, iteration, testing preparation and progress review
Testing & Deployment	Quality checks, deployment approach, logs, troubleshooting and validation
Documentation & Presentation	Technical documentation, executive summary and solution storytelling
Final Review & Mentoring	Gap closure, refinements, mock presentation and readiness assessment
Demo Day & Completion	Final presentation, feedback, portfolio packaging and certification