

# Technical Track - **AI Systems Architect** (Expert Level)

**Technical Track Focuses On Practical Skills in Coding, Modelling, System Design & AI Deployment**

**8 days / Physical, Hybrid, Online**



**Design the architecture of tomorrow — build scalable, secure, and intelligent AI systems at enterprise level.**

The AI Systems Architect program is an expert-level technical certification designed to develop advanced practitioners capable of designing, deploying, and governing enterprisecscaleAI ecosystems.

Participants learn to integrate cloudbased architectures, manage APIs, automate workflows, and apply governance principles that ensure transparency, compliance, and ethical AI use.



## Key Learning Outcomes

Upon completion of the course participants will be able to

- Develop the ability to architect secure, scalable, and high - performance AI ecosystems incorporating data pipelines, model orchestration, multiagent systems, and cloud-native components.
- Master end - to - end AI lifecycle management, including CI / CD pipelines, model versioning, monitoring, automation, and deployment using frameworks such as Kubernetes, Docker, and cloud platforms.
- Understand and implement responsible AI governance frameworks covering risk management, auditability, transparency, safety, and compliance across AI systems.
- Develop the capability to translate organizational needs into AI system designs, lead cross-functional technical teams, and drive strategic AI initiatives that support innovation and digital transformation.



**Duration:**  
8 days



**Level:**  
Expert



**Delivery Mode:**  
Physical / Online / Hybrid - Instructor Led

## Who Should Join:

- Senior AI/ML Engineers and Data Scientists seeking to advance into architecture, systems design, and large-scale AI deployment roles.
- Individuals aiming to become AI Systems Architects, AI Engineering Leads, or Chief AI Officers in the near future.

## Course Modules Covered

- M1** AI Systems Architecture Fundamentals
- M2** Data Engineering & Pipeline Design
- M3** MLOps Engineering & Model Lifecycle
- M4** Advanced AI System Integration
- M5** Cloud Architecture & Deployment
- M6** AI Governance, Risk & Compliance

## Our Training Methodology

### Practical Assignments

We provide hands-on assignments that requires practical implementation.

### Virtual Coaching Sessions

Online coaching sessions that happen over the phone, via video.

### Access to LMS

Get access to learning resources

### Live Project Experience

Hands-on learning and training gives participants the opportunity to experience the real world.

### Online Assessments

Participants can assess reflect on their own learning and their level/skills.

### Industry Case

Stay current on market research trends, learn best practices through our industry case studies

## Key Takeaways



Professional Skills



Practical Assessment



Expert Delivery & Labs



Compliance and Standards



Understanding Principles



Projects & Capstones



## Get in Touch With Us Today!

This program is ideal for individuals who wish to begin their journey in the field of Artificial Intelligence and technical AI development.

## Transforming Lives | Enriching Communities | Empowering The Future



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