

Deployment of AI Applications for Cloud and Mobile Platforms

Presented by: HERE AND NOW AI

For: Vels Institute of Science, Technology & Advanced Studies
(VISTAS)

1. About HERE AND NOW AI

HERE AND NOW AI is a leading technology organization dedicated to making Artificial Intelligence accessible, ethical, and practical. We specialize in educating the next generation of engineers and developers on how to leverage AI to solve real-world problems. Our mission is to bridge the gap between complex AI research and scalable, production-ready applications.

2. About This Program

This 10-day intensive training program is designed to equip students with the skills required to take AI models from a local development environment to a global scale. We focus on the entire lifecycle—from containerization and cloud orchestration to mobile integration and performance optimization. Students will gain hands-on experience with industry-standard tools and frameworks.

3. 10-Day Training Schedule

Day	Topic	Description
Day 1	Cloud Fundamentals	Introduction to Cloud Platforms and AI infrastructure.
Day 2	Containerization	Mastering Docker for AI model packaging.
Day 3	API Orchestration	Building robust REST and gRPC gateways.
Day 4	Cloud Deployment	Scaling models using Kubernetes and Serverless.
Day 5	DevOps for AI	Implementing CI/CD pipelines for AI.
Day 6	Mobile AI Architecture	Designing AI integrations for iOS and Android.
Day 7	Data Management	Cloud-native databases and vector stores.
Day 8	Performance & Cost	Monitoring and cloud cost optimization.
Day 9	Security & Ethics	Securing AI endpoints and ethical data practices.
Day 10	Capstone Project	Final presentation of a deployed application.

4. Learning Outcomes

- Deploy machine learning models securely on cloud platforms.
- Write production-grade containers for AI workloads.
- Design and implement API-driven mobile AI architectures.
- Optimize AI applications for both cost and performance.
- Deliver a full-stack Capstone Project demonstrating cloud-to-mobile AI integration.

Contact Information

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