

AI-Enabled App Development

COURSE OVERVIEW

Artificial Intelligence has become the frontier of application development. It is no longer an add-on but a core component of user experience and functionality. This comprehensive course provides developers with the practical skills and architectural knowledge to seamlessly integrate cutting-edge AI capabilities into mobile and web applications. From intelligent features to fully AI-native experiences, you'll learn to build the next generation of adaptive, context-aware applications that anticipate user needs and deliver unprecedented value.

WHO SHOULD ATTEND?

This course is specifically designed for experienced developers and technical teams poised to lead the next wave of AI-integrated software. It is an ideal fit for mobile developers (iOS, Android, and cross-platform), full-stack web developers, and application architects who are ready to embed intelligence directly into their products. Technical product managers seeking a deeper understanding of AI capabilities, and developers from other domains transitioning into AI-enabled development, will also find this curriculum essential for building the next generation of adaptive, smart applications.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Integrate natural language processing for chatbots and text analysis.
- Implement computer vision for image recognition and AR features.
- Add personalized recommendation systems and predictive analytics.
- Deploy AI models efficiently across mobile and web platforms.
- Optimize AI performance while ensuring user privacy and ethical implementation.
- Design and develop adaptive user interfaces that respond intelligently to user behavior and context.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- How to develop AI-enabled applications using Python and popular AI frameworks.
- Integration of AI features like natural language processing, image recognition, and recommendation systems into apps.
- Deployment of AI-powered web and mobile applications using modern tools like Flask and cloud services.
- Best practices for coding, testing, and packaging AI applications for scalability and performance.
- Techniques for building real-time, interactive AI features to enhance user experience.
- Use of generative AI tools for app design, architecture, and automation.
- Mitigating challenges in developing AI applications, with strategies to address them.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded