



GENERATIVE AI FOR DEVELOPERS

Duration: 1 day; Instructor-led | Virtual Instructor-led

WHAT WILL YOU LEARN

This one-day intensive course is designed to immerse software developers and technologists in the dynamic world of Generative AI (GenAI) tools, focusing on their application in coding and software development. Participants will explore cutting-edge AI technologies, including Gemini, ChatGPT, and other coding AI tools, to understand how they can enhance productivity, creativity, and efficiency in the development process. Through hands-on sessions, case studies, and interactive discussions, learners will gain practical insights into integrating GenAI into their development workflows.

PREREQUISITES

- Working knowledge of programming languages (e.g., Python, JavaScript)
- Experience with software development concepts and workflows.
- An understanding of AI and machine learning basics is helpful but not required.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Understand the foundational concepts and capabilities of Generative AI in the context of software development.
- Utilize GenAI tools like Gemini and ChatGPT for code generation, debugging, and optimization.

- Apply best practices for integrating GenAI technologies into development projects.
- Evaluate the ethical considerations and potential biases in using GenAI tools for coding.
- Develop strategies to enhance collaborative coding and project management with GenAI.

OUTLINES

- Module 1: Introduction to Generative AI in Software Development
- Module 2: Getting Started with GenAI Tools
- Module 3: Core Applications of GenAI in Coding
- Module 4: Advanced Development Techniques Using GenAI
- Module 5: Collaborative Coding and Project Management with GenAI
- Module 6: Ethical Considerations and Best Practices
- Module 7: Future Trends and Opportunities in GenAI for Development
- Module 8: Hands-On Workshop and Project
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GET IN TOUCH

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