

3 Courses

Generative AI: Introduction and Applications

Generative AI: Prompt Engineering Basics

Generative AI: Elevate your Software Development Career

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Vanessa Diaz

has successfully completed the online, non-credit Specialization

Generative AI for Software Developers

The Certificate holder has demonstrated the ability to differentiate generative AI from discriminative AI, describe real-world generative uses, and identify and use popular generative AI models and tools for text, code, image, audio, and video generation. The learner can explain generative AI prompt engineering concepts, provide examples, and apply prompt engineering techniques that create demonstrably useful outcomes. The Certificate holder can identify useful, appropriate generative AI tools for software engineering. And can apply techniques for design and architecture, bug detection, code refactoring and program optimization using generative AI, and develop solutions using AI-powered tools and algorithms.

Rav Ahuja
Global Program Director,
Skills Network

Antonio Cangiano
Engineering Manager and AI Specialist
IBM Digital Business Group

Ramanujam Srinivasan
Chief Architect

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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