

Take your Coding to the next level **Using Generative AI for Software Development**

Application level | 4-week
Guided Learning Experience (GLE)

Enrollment window: Jul 07th – Jul 25th, 2025
Course start: Jul. 28th, 2025
Hours: 12,5 (6h self-paced content + 6,5h optional live sessions)








Enroll at: <https://ibm.biz/KSA-GLEQ3GenAI4SWD-KSU>









Overview

Generative AI is making coding and app development more accessible for everyone. Learn how to use generative AI for code generation, troubleshooting, and optimization.

Acquire essential skills, such as:

-  AI prompting techniques
-  Analytical thinking
-  Code generation and optimization
-  Generative AI
-  IBM Granite
-  Large Language Models
-  Problem solving

Upon completion, learners can expect to:

-  Understand key features of IBM Granite models
-  Apply IBM Granite models to streamline programming tasks
-  Craft effective prompts to get the most of IBM Granite models
-  Identify opportunities to optimize AI-generated code
-  Apply techniques for optimizing code to improve its efficiency
-  Implement structured workflows for reviewing and optimizing AI-generated code

Earn an industry-recognized Digital Credential and an IBM Certificate

Learners who successfully complete the GLE receive two IBM SkillsBuild Digital Stickers, a Code Generation and Optimization Using IBM Granite Digital Credential issued and verified by Credly, and an IBM SkillsBuild Certificate.



Note: By registering for this program, you acknowledge that SkillUp Online, a training delivery vendor of IBM SkillsBuild, will process your data and contact you in relation to your participation in this program. Additionally, SkillUp Online may contact you regarding other IBM SkillsBuild educational activities. Please allow 2 business days to receive your IBM SkillsBuild program registration confirmation email. To ensure you receive program updates, add ibmskillbuild.emea@skillup.online to your email contacts or safe list.