



5 Courses

**Introduction to Software Engineering**

**Getting Started with Git and GitHub**

**Hands-on Introduction to Linux Commands and Shell Scripting**

**Python for Data Science, AI & Development**

**Developing AI Applications with Python and Flask**



Apr 27, 2024

**Markus Lind**

has successfully completed the online Specialization

# Applied Software Engineering Fundamentals

The earner of this certificate demonstrates mastery of fundamental concepts in Software Engineering including knowledge of the Software Development Lifecycle, and the roles, tools, and technologies used to develop, test, and deploy software. The learner can write code using basic programming constructs in Python and develop, deploy, and package simple Python web applications. They have shown effective use of Git and GitHub repositories as well as creating and executing Bash and Shell scripts with basic Linux commands and the terminal window.

*Antonio Cangiano*

Antonio Cangiano  
Director, IBM Skills  
Network

This certificate attests to the learner's completion of an online program delivered via Coursera. It does not constitute formal enrollment at any university or entity and does not itself grant academic credit, grades, or a degree. Institutions or organizations may, at their discretion, recognize this learning toward their own programs or credentials.

Verify this certificate at:

<https://coursera.org/verify/specialization/M8BCR87KTCVL>