



15 Courses

Introduction to DevOps

Introduction to Cloud Computing

Introduction to Agile Development and Scrum

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

Introduction to Containers w/ Docker, Kubernetes & OpenShift

Application Development using Microservices and Serverless

Introduction to Test and Behavior Driven Development

Continuous Integration and Continuous Delivery (CI/CD)

Application Security for Developers and DevOps Professionals

Monitoring and Observability for Development and DevOps

DevOps Capstone Project



May 16, 2026

**Ahmad Helmi Afandi**

has successfully completed the online Professional Certificate

# IBM DevOps and Software Engineering

In this Professional Certificate, learners developed essential knowledge and skills to perform the many tasks in an entry-level DevOps practitioner role. By completing over a dozen courses and projects in the program, the earner of this Professional Certificate has demonstrated a firm grasp and practical experience to: adopt a DevOps mindset in Software Engineering using Agile and Scrum methodologies and Cloud Native tools and technologies. The holder can develop applications in Python, automate tasks using Shell scripts, use collaborative coding platforms like GitHub, compose applications using Microservices, deploy them using Containers (Docker/Kubernetes/OpenShift) & Serverless technologies; and employ tools for Automation, Continuous Integration (CI) and Continuous Development (CD).

*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/professional-cert/GW4PTXXP28ZO>