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: Hands-On Development
- Build & Deploy AI Applications with Python & 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

Nov 14, 2026

Antonio Cangiano

Antonio Cangiano
Director, IBM Skills Network

HOSAM HANI ABDELATI ABDELMAKSOUD

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).

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.

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