



9 Courses

Introduction to DevOps

Introduction to Agile Development and Scrum

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



Mar 13, 2026

**Filipe Brito Ferreira**

has successfully completed the online Professional Certificate

# IBM Applied DevOps Engineering

In this Professional Certificate, learners mastered DevOps practices, Agile methodologies and Cloud Native Technologies. The holders of this certificate completed numerous hands-on labs and projects to gain practical DevOps experience. They utilized Scrum and wrote and executed agile user stories using a Kanban board; built & deployed Python microservices using Docker containers, Kubernetes, OpenShift, & Serverless; developed & executed unit tests with test driven development (TDD) methods; applied the process of Continuous Integration / Continuous Development (CI/CD) with GitHub Actions and Tekton, added monitoring, logging & observability and ensured security. The completers of the Professional Certificate are now ready to take on Software Engineering challenges using a DevOps mindset.

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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