



## Heroku for Developers

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| CODICE | DT0211   |
| DURATA | 2 gg     |
| PREZZO | 900,00 € |
| EXAM   |          |

### DESCRIZIONE

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Heroku is a Platform-as-a-Service (PaaS) for building, running, operating and scaling containerized web and mobile applications in the cloud. It supports multiple programming languages, various development tools, pre-installed operating systems, and redundant servers.

This instructor-led is aimed at developers who wish to use Heroku to conveniently deploy web and mobile applications to the cloud, without grappling with infrastructure setup, configuration, management, etc.

By the end of this training, participants will be able to:

- Understand the Heroku ecosystem and how it differs from AWS EC2 and other PaaS offerings.
- Leverage Heroku features such as Git integration, Heroku CLI and Heroku Dashboard to push applications to the cloud with ease.

### TARGET

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- Web developers
- Mobile developers

### PREREQUISTI

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- A general understanding of cloud computing concepts.
- Experience with web or mobile application development.
- Programming experience in any of the languages supported by Heroku (Ruby, Python, PHP, Clojure, Go, Java, Scala, and Node.js, etc.)

### CONTENUTI

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- Introduction
- Preparing Your Heroku Account
- Overview of Heroku Features and Architecture
- Architecting an App Using the Twelve-Factor App Methodology

- Navigating the Heroku Dashboard
- Using the Heroku CLI
- Creating a Simple Application
- Uploading the Application through Git
- Deploying the Application
- Testing the Application
- Provisioning Add-On Services
- Implementing a CI/CD Workflow
- Monitoring Application Uptime and Performance
- Scaling Your Application
- Troubleshooting
- Summary and Conclusion