



Jenkins Foundations

Tecnologias de Informação - Desenvolvimento / Programação

Live Training (também disponível em presencial)

- **Localidade:**
- **Data:** 15 Jun 2026
- **Preço:** 1050 € (Os valores apresentados não incluem IVA. Oferta de IVA a particulares e estudantes.)
- **Horário:** Laboral das 9h30 - 17h30
- **Nível:**
- **Duração:** 21h

Sobre o curso

Learn the fundamentals required to implement Continuous Integration (CI) and Continuous Delivery (CD) workflows using the Jenkins automation server in this 3-day course.

Destinatários

This course is intended for teams considering using Jenkins as a CI/CD tool and looking to automate their software delivery process, as well as those who need guidelines on how to set up a CI/CD workflow using the Jenkins automation server.

Objetivos

- Have a solid understanding of the role that Jenkins plays in the software development lifecycle
- Install a Jenkins server
- Build software for it
- Manage third party integrations/plugins and how to scale and secure Jenkins

Pré-requisitos

- Basic English knowledge
- A programming language
- The programming life cycle

Programa

- Getting Started with Jenkins
- Using Jenkins
- Managing Jenkins
- Best Practices
- Pipeline
- Blue Ocean
- Jenkins Use-Cases
- Operating Jenkins

- Getting Started with Jenkins
 - Installing Jenkins
- Using Jenkins
 - Fingerprints
 - Remote API
- Managing Jenkins
 - Configuring the System
 - Managing Security
 - Managing Tools
 - Managing Plugins
 - Jenkins CLI
 - Script Console
 - Managing Nodes
 - Managing Users
- Best Practices
- Pipeline
 - Getting Started with Pipeline
 - Using a Jenkinsfile
 - Branches and Pull Requests
 - Extending with Shared Libraries
 - Pipeline Development Tools
 - Pipeline Syntax
- Blue Ocean
 - Getting Started with Blue Ocean
 - Creating Pipelines
 - Dashboard
 - Activity View
 - Pipeline Run Details View
 - Pipeline Editor
- Jenkins Use-Cases
 - Jenkins with .NET
 - Jenkins with Java

- Jenkins with Python
- Jenkins with Ruby
- Operating Jenkins
 - Backing-up/Restoring Jenkins
 - Monitoring Jenkins
 - Securing Jenkins
 - Managing Jenkins with Chef
 - Managing Jenkins with Puppet