

## Node.js Advanced (NJSAD)

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Porto
- **Data:** 05 Dez. 2022 a 06 Dez. 2022
- **Preço:** 820€
- **Horário:** Laboral - das 09h30 às 16h30
- **Duração:** 12 horas

Strengthen your knowledge of Node.js .

### Destinatários

This course targets professional developers who are familiar with JavaScript and who know how to use the Node.js to build a Web Server.

### Pré-requisitos

Participants of this course need to have a solid understanding of JavaScript and Node.js Development

### Programa

#### Wrangling the File System

- Spawning a Child Process
- Capturing Data from an EventEmitter
- Reading and Writing Files Asynchronously

#### Securing Node.js

- Express.js Pipeline Explained
- What is Passport?
- Integrating Passport.js and Express.js
- Implementing Basic Authentication
- Hashing passwords
- Implementing Digest Authentication

- Setting up an HTTPS web server
- Preventing cross-site request forgery

#### Real-time Communication with Node.js

- Peer to Peer Socket.io
- Client-side Socket.io
- Broadcasting Messages
- Using Rooms

#### Writing Your Own Node Modules

- Creating a test-driven module specification
- Writing a functional module mock-up
- Refactoring with prototypical inheritance
- Extending a module's API

#### Node.js Guidance

- Javascript Design Patterns