

JOÃO FERNANDES

Full-Stack Developer (Angular | Node.js | Python | Azure)

✉ joaopedrofer1509@gmail.com
📄 joao-pedro-fernandes-ec4321

☎ +351 912915249
🐙 joaoFDev03

📍 Porto, Portugal



EXPERIENCE

Full-stack Developer

NOS SGPS

📅 November 2022 – February 2023 📍 Porto

- Full-stack developer at NOS SGPS in the Financial Department, worked in a project and used the technologies: Angular (frontend), Node.js (backend) and SQL (database).

Intern Full-Stack Developer

Natixis Sucursal

📅 October 2023 – October 2024 📍 Porto

- As a Full Stack Web Developer on an application support team, I was involved in the development of a portal named RimPortal. This portal was designed to consolidate all of the team's applications. I utilized a technology stack that included Angular (frontend), Node.js (backend), Python for specific tasks, and SQL Server (database).
- Designed and implemented RESTful APIs to integrate with third-party services, enabling specific features.
- Developed a Single Sign-On authentication solution using SAML 2.0, integrating the application with the company's Active Directory. Configured assertions, namely user attributes and authorization rules, to ensure secure and personalized access to application resources.

Full-Stack Developer

Integer Consulting || EDP - Energias de Portugal

📅 February 2025 – Now 📍 Remote

- Develop and maintain a complex web application (Sistema Logístico de Gás) using Angular (frontend) and Python Flask for the (backend).
- Implement and consume RESTful APIs for internal services and integrate with third-party systems via SOAP.
- Write unit tests using pytest and unittest to ensure code quality and application reliability.
- Manage version control and collaborate using Git and GitHub, leveraging CI/CD pipelines for automated deployment.
- Work with Microsoft SQL Server (MSSQL) for data storage and querying.
- Utilize Azure tools such as Azure Data Factory and other cloud services for data processing and integration workflows.

PROJECTS

Project 1 - Movies

Institution

📅 Oct 2020 – Mar 2021

MY LIFE PHILOSOPHY

"The only person you are destined to become is the person you decide to be."

MOST PROUD OF



Natixis Intern

As intern, I manage to develop "RimPortal".

STRENGTHS

- Team Collaboration
- Problem-Solving in Web Environments
- Proactivity
- Technical Documentation Writing
- Agile (Scrum, Kanban)

Programming Languages

- TypeScript
- JavaScript
- Python
- C#
- Java

Libraries & Frameworks

- Angular
- React
- Node.js
- Bootstrap
- Spring boot
- Flask
- Pytest, unittest

Databases (SQL & NoSQL)

- SQL Server
- MySQL
- MongoDB

Operative Systems

- Windows
- Linux

Development Tools

- Visual Studio Code
- Visual Studio
- PyCharm

Cloud Computing

- AWS
- Azure (DevOps | Data Factory)

LANGUAGES

English ● ● ● ● ●

Portuguese ● ● ● ● ●

- The "Movies" project, a Professional Aptitude Project (PAP), aimed to create a user-friendly platform for streaming movies and series. Built with PHP, JavaScript, and MySQL, and powered by XAMPP, the application offers features such as [automatic suggestions, anti-spoiler comments, CRUD, etc...].
-

Project 2 - RimPortal

Company

📅 Oct 2023 – Sept 2024

- My undergraduate thesis was based on the RimPortal project, which I developed professionally at Natixis.

EDUCATION

B.Sc. in Multimedia Engineering

ISTEC Porto

📅 Oct 2021 – Now

Thesis title: RimPortal

Double Certification course in Computer Programming

Escola D. Sancho I

📅 Sept 2018 – June 2021

Final course project title: Movies