

Miguel Rodríguez

SOFTWARE ENGINEER



Galicia, Spain | (+34) 604 009 206 | rodriguez.miguel4300@gmail.com

Professional summary

Entry-level software developer with foundational experience in backend development and frontend technologies. Committed to expanding skills and knowledge through continuous learning and hands-on experience, I am highly adaptable and eager to take on new challenges and responsibilities within the software development sector. I view change as an opportunity for personal and professional growth.

With a four years degree in Computer Engineering and pursuing a Master's in the same field, I possess a solid technical foundation for software development and the various aspects it involves. I enjoy working in team environments, contributing effectively to group projects and fostering a collaborative atmosphere. Currently working in Spain as part of an international team, I am seeking opportunities abroad to enhance my career and contribute to dynamic international teams while further developing my professional expertise.

Experience

GBTEC Group

Vigo, Galicia, Spain

Junior Software Engineer

July 2024 – Present

Spring Backend development utilizing frameworks and libraries as Spring Boot, Spring Data, Spring Cloud, Spring Security and Aspose to build robust and scalable applications.

Implemented **unit and integration testing** strategies using JUnit, test containers, and Mockito for Spring applications. Utilized **SonarCloud** to maintain high code quality standards throughout the development lifecycle.

Developed and validated **prompt engineering** implementations using the **OpenAI API** to enhance natural language processing capabilities. This work involved experimenting with different prompt structures to optimize response accuracy and relevance for various functionalities.

Executed integrations of Microsoft applications into the company's platforms using the **Microsoft Graph API**. This involved configuring authentication flows, managing user permissions, and creating automated workflows.

Development of complex **SQL queries** to extract specific data from a large **PostgreSQL** database while ensuring data integrity and accuracy.

Designed and implemented **Power Automate flows** and **BPMN diagrams** to automate tasks.

Software Engineer Intern

February 2024 – June 2024

Angular Frontend development for an internal company tool. Implemented reusable components and optimized application performance, ensuring fast loading times and an intuitive interface. Gained expertise in best development practices and version control using **Git** and **GitHub**, facilitating seamless collaboration within the development team.

Applied **agile methodologies**, specifically Kanban, for project management

Utilized **Jira** for task tracking, aiding in prioritization and effective management of project demands.

Education

National University of Distance Education (UNED), Spain
Master's Degree in Computer Engineering

October 2024 – February 2025

University of A Coruña, Spain
Bachelor's degree in Computer Engineering

September 2020 – June 2024

University of Bergen, Norway
Erasmus + (one semester)

August 2022 – December 2022

University of Maribor, Slovenia
Erasmus + (one semester)

September 2023 – February 2024

Languages

Spanish	Native	Galician	Native
English	Fluent	Portuguese	Intermediate