GONÇALO SILVA

F U L L - S T A C K
S O F T W A R E   E N G I N E E R

SKILLS

Java, Javascript / Typescript,
React / NextJS, NodeJS,
SQL and NoSQL databases,
Python, Flask,
Git version management,
Jenkins, Firebase, Linux,
Docker, Agile

PROJECTS

plottwist-ai.com | 2024

Murder mystery multiplayer application using OpenAI APIs to build custom stories. Built with **Next.js**, **Flask (Python)**, **SQLite,** and **Firebase** as the Authentication provider, deployed with Vercel (FE) and **Docker** (BE) on-prem. This project is live (on the URL above) and users can play pre-created games. This application was fully developed by me from the ground up. The AI game generator is not available for the broad audience and it is still under quality checks. All the available game where created using the AI generator module.

HOM App | 2022

Volunteered creating a Application for an NGO campaign. Purpose was to gamify an art campaign to raise awareness on refugees. Includes an Admin dashboard, User collected posters, Map, and Poster details. Built with **React** and **Firebase**.

Chat App | 2021

Chat app developed solely for learning. Used **React**, **Firebase** Authentication, and **MongoDB**.

Escape Game | 2021

Joined a team to build a Virtual Escape Room game, that was used for *Sonae, SA* onboarding. My first experience with **React**.

Networkme POC | 2020

I contributed in Networkme building their first MVP, for the first round of investment. Worked on the backend using **C#** and **.NET**

ABOUT ME

A results-oriented Full Stack Software Engineer with 5 years of expertise in Java, Python, JavaScript, TypeScript, React, NextJS, Databases, and DevOps (Cloud & on-prem). Adept at empathizing with user needs to visualize optimal value, then translating these insights into scalable technical solutions and executing robust development plans. Combines a strong drive for learning and experimentation with new tools with a commitment to delivering high-quality, efficient applications that balance rapid development with long-term sustainability and best practices in agile environments. Proven ability to enhance interpersonal communication and collaboration within large teams.

WORK EXPERIENCE

Java Software Engineer

Amadeus - Inetum, Nice, France | 2022 - Present

Contributed as a **Java** Backend Developer to two distinct projects within the airline booking engine domain, developing features in close alignment with dozens of other teams and airlines, including:

- Managing maintenance
- Implementing enhancements
- Fixing critical issues for a mature booking engine utilized daily by **~50 airlines** globally and has sold **~13 million orders**.
- Participated in the development of a next-generation booking engine, currently in pre-production.

Volunteered and played a key role in the re-architecture of the integrated automated tests framework. A key aspect involved leveraging **Python** scripting to migrate the existing test suite, with thousands of API calls, into the new architecture, resolving significant pain points for many developers who reported increased satisfaction with the outcome.
I took ownership of the onboarding and ramping up for two newcomers.

- Java, Quarkus, Postman, J-Unit, Splunk
- Scaled Agile, Rest APIs, Microservices

Full-stack Developer

Vodafone IE - Celfocus, Porto, Portugal | 2020 - 2022

Developed the tool for all Vodafone call centers and stores in Ireland (hundreds of users), including a **JavaScript** front-end app on Sencha, a **Java** API

EDUCATION

University of Aveiro, Portugal | 2014 - 2019

MSc in Mechanical Engineering

University of Zaragoza, Spain | 2018 - 2019

ERASMUS

AWARDS

National (PT) Champion - BEST Engineering Student Competition

CONTACTS

Phone: +33 (0) 7 83 66 31 63
Email: gnunosilva@hotmail.com
LinkedIn: https://l1nk.dev/1ldmP
Githiub: github.com/goncalodasilva

and **Oracle SQL** databases. Maintained a **Jenkins** pipeline, and integrated **Sonar** analysis in the pipeline. Onboarded newcomers.

- JavaScript, Sencha, Java, SQL
- Jenkins, Agile, REST APIs

CAE Software Advisor

ESSS, Leiria, Portugal | 2019 - 2020

- Did training in computer-aided engineering programs by ANSIS
- Aided sales converting and upselling clients by doing technical demos and POCs