Luís Silva
Software Engineer

luiscomsnofim@gmail.com

Hey! I am Luís, originally from the peacefull city of Viseu. I am a software engineer with 4 years of experience in bringing solutions to production. Recently, most of my focus was on writing C/C++ high performant code for embedded systems around the TCP/IP stack. In my spare time, I like to do some proof of concepts on topics I want to explore. I am a fast learner and thrive in high energy environments.

Experience

Software Engineer - Cyber Security
Mar 2020 - Present

Continental Engineering Services · Porto, Portugal

CES is a branch of Continental focused on delivering high-quality engineering services to big OEMs (BMW, Mercedes, Ferrari). I had the opportunity to join the Porto hub early in its inception, which allowed me to take on several positions and learn quite a lot. I was directly involved in varied topics, from bringing features to the embedded systems of the ECUs (Electronic Control Units) to building full-stack applications to support our growing company.

· Develop and test high-performant C/C++ code
· SCRUM Master for a team of 11 people
· Implement the IPSec stack for an embedded system
· Architectural decisions and documentation

· Fix high priority bugs (usually the ones that were stopping the car production 🔥🚒)
· Build support tools used by the whole office
· Create and maintain a weekly newsletter

Software Engineer
Sep 2019 - Mar 2020

Forto · Berlin, Germany

Forto is a logistics platform for global trade. My responsabilities included the maintenance of the global SaaS platform, based on microservices (e.g. handle any interruption or issue with the tools).

· Detect and correct several errors in the authentication layer
· Create and maintain a weekly newsletter

· Be involved in task forces to address major issues (e.g. literal DROPs of production tables)

Research Fellowship
Apr 2018 - Sep 2019

IT (Telecomunication Institute) · Aveiro, Portugal

I worked as a researcher in vehicular networks. I built a reputation system for the next generation of smart cities based on blockchain technology, a private and secure protocol that enabled people to warn others, in real-time, about issues in their city by sending special messages through the vehicular network. The confidence of the reports was not based on the person's identity but on a reputation level that people could use as a currency to vote on the most significant issues for the community.

· Build proof of concepts to quickly iterate over ideas

· Publish a research paper that was mentioned over 100 times in following research

Projects

Creator
Jan 2022 - Present

Comida da Boa (Good Food)

Comida da Boa is a portuguese website with easy recipes for day to day planning. It allows the generation of meal plans and shopping lists based on those plans.

· over 100 daily visitors

· full-stack implementation, from VM to Frontend

Links

luissilva.eu

github.com/LudeeD

linkedin.com/in/luíscomsnofim

Skills

Languages
C/C++
Rust
Python
Javascript
Java

Frameworks
Svelte
Django
Express

Tools
VS Code
Wireshark

Technologies
Docker
TCP/IP
RTOS
Git
Jenkins

Other
Open source
Linux

Education

MSc., Computer and Telematics Engineering
University of Aveiro

Languages

English · Fluent
Portuguese · Native
Spanish · Professional

Certificates

PSM1 Professional Scrum Master 1
SCRUM org

Creator   Aug 2019 - Present
Blust

Just another static blog generator. This one is built with Rust and it is the tool I use for my own website and blog.

Creator   Jan 2015 - Present
Others...

And many other projects that I could spend days talking about. From tools built for my day to day work to caffeine induced hackaton projects. Visit my github for more.

Publications

Using reputation as a coin to bet on information items distributed in Jan 2019
a smart city.

2019 Fifth Conference on Mobile and Secure Services (MobiSecServ)

A reputation system for the next generation of smart cities based on blockchain technology

Interests

Rust
Open Source
Writing
Gamedev