Ana Margarida Silva

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Portugal

Ana Margarida Silva

Student of Masters Degree in Informatics and Computing Engineering

About Me My name is Ana Margarida Silva and I am a Software Engineer. I'm comfortable on either side of the stack, doing both front-end and back-end work. I have a passion for Open Source Software and tinkering with hardware. I'm always willing and happy to learn new technologies and improve my current skills.

Experience

July 2022 - December 2022, *Software Engineer*, Replai

Full-stack work on a fast paced startup whose product is a video intelligence platform that uses computer-vision AI to tag creatives at scale and help app developers understand what are the key drivers or detractors of performance of their video creatives. Technologies used are Typescript, NodeJS, React and PostgreSQL.

September 2019 - July 2022, *Software Engineer*, Platforme

Work on the RIPE technology stack, that includes both core services and client-facing interfaces. Use of technologies like Python, Node.JS, TypeScript, Vue.js/React.js and React Native.

October 2019 - September 2020, *Software Engineer Trainee - Part-Time*, Platforme

Work in several projects, including back-end and core services using Python and Node.JS, front-end interfaces using Vue.js/React.js to client side tools using Javascript.

July 2018 - September 2018, Summer Internship at Blip

During the summer of 2018, I made an internship at Blip, a company that is a part of the group PaddyPower Betfair. The goal of the internship was the development of a Web App with technologies like React, Apache Kafka and Betfair's Cougar framework in Java.

Open-Source

2022-Present, Core Maintainer of SvelteUI library (open-source)

Develop and maintain a component and utility library for Svelte. Link to the website here.

Courses

"*The Web Developer Bootcamp*" course

Completion of an online course, from Udemy, that teaches full stack web developing. It includes technologies like HTML5, CSS3, Javascript, NodeJS, ExpressJS, MongoDB and others.

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Education

2015-2020, Masters Degree in Informatics and Computing Engineering in Faculty of Engineering of the University of Porto

Final grade: 16.4

- *Masters Thesis in* **Orchestration for Automatic Decentralization in Visually-defined IoT** - Development of a prototype, extending from Node-RED, that enables the automatic decentralization of an IoT system. The devices in the network communicate their computational capabilities to the orchestrator, which is responsible for automatically partition the computation and sending the generated tasks to the devices, leveraging their computational power. Final grade: 20

2004-2015, Agrupamento de Escolas do Búzio

Primary and high school

Personal Skills

Mother tongue

Portuguese

Other languages

- CAE (Certificate in Advanced English) exam - grade A

Language	Understanding	Reading	Writing
English	Very Good	Very Good	Good
Spanish	Good	Good	Moderate

Other skills and occupations

- Bass guitar player in "Orquestra Ligeira de Cambra".
- Clarinet player in "Sociedade Artística Banda de Vale de Cambra".
- Member of the board of the "Orquestra Ligeira de Cambra" and "Sociedade Artística Banda de Vale de Cambra".

Software Development Skills

Programming Languages, Technologies and Frameworks

- ReactJS
- VueJS
- NodeJS/Deno
- Python
- Javascript
- React Native
- Rust
- Svelte
- PostgreSQL
- MongoDB
- Java
- MySQL
- Docker
- Linux
- Scrum

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Awards

2015, *Best High School Student,* **Rotary Club de Vale de Cambra**
Awarded to the top student in their final year of high school.

2015, *Board of Excellence,* **Agrupamento de Escolas do Búzio**
Awarded to the top students in their final year of high school and elementary school.

Interests

Professional
Web development, Cyber Security, Software Development

Personal
Bass Guitar, Clarinet, Music, Reading