

# Ana Santos

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## Education

### **NOVA School of Science and Technology**

*Integrated Master's Degree in Computer Science and Engineering*

September 2018 – February 2024

*Monte de Caparica, Portugal*

## Projects

### **Deliveries Web Application**

Kotlin, Spring Boot, OpenAPI, MySQL, React, Redux

- Developed a React application to track and manage the state of packages sent in a delivery system.
- Created a layered architecture for the back-end of the application, using the Spring Boot framework and MySQL for the database.
- Used the libraries React-Bootstrap and PrimeReact for the components of the application.
- Implemented state management within the React application using Redux.

### **Volunteering Mobile Application**

Java, Google Cloud Platform

- Designed an Android application to create and manage volunteering events.
- Used Google Maps API and Routes API to generate the map, markers and trajectories for the events.
- Created a Google Datastore database to store data and used REST for the database requests.

### **Web Portfolio Designer**

HTML, CSS, Javascript, jQuery

- Created an interactive personal designer portfolio website.
- Ensured mobile accessibility by adapting the layout to different resolutions.

### **Web Forum Designer**

HTML, CSS, Javascript, jQuery

- Designed web templates and layouts for multiple web forums.
- Maintained the forum using the back end phpBB control panel.

## Skills

**Programming Languages:** Java, Go, Kotlin, HTML, CSS, JavaScript

**Frameworks:** Spring Boot, React, Flutter, jQuery

**Web Technologies:** Git, Docker, Google Cloud Platform, Jira

**Development Tools:** YCSB, Postman, Linux, IntelliJ IDEA, Android Studio