

TIAGO CUSTÓDIO SANTOS

Software Developer

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RESUME

I'm a versatile **software engineer** with a passion for learning, seeking to apply the knowledge acquired during my bachelor and develop my **technological skills**. One of my interests is the development of **mobile applications**. During my academic studies, I created practical solutions to simplify tasks through projects built with **Python, Kotlin** and modern development frameworks.

Motivated to transition into the **industry setting**, where I can contribute as part of a **cross-functional team** and continuously **expand my skills** in **software engineering** through collaborative, real-world challenges.

EDUCATION

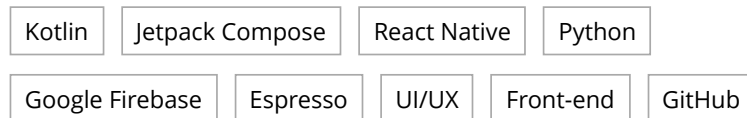
Bachelor of Computer Science

Instituto Politécnico de Beja - Escola Superior de Tecnologia e Gestão
2016 - 2023 Beja, Portugal

Erasmus+ Estudos / Studies (SMS)

VSB - Technical University of Ostrava - Faculty of Electrical Engineering and Computer Science
01/2022 - 06/2022 Ostrava, Czechia

SKILLS



ABILITIES

Agility

Quick to absorb new knowledge and adapt to new technologies, frameworks, and development tools, as demonstrated in academic projects and self-initiated learning.

Teamwork

Collaborative mindset with the ability to work effectively in teams, experienced through group assignments and extracurricular activities.

Adaptability

Flexible in dynamic environments, thriving in diverse teams and projects by rapidly integrating new concepts and technologies learned during studies and personal projects.

PROJECTS

Final degree project - Mobile Application for Recording Daily Activities in Children's Daycare Centers

- The idea arose when the company Easy Systems and the Laboratory of Information Systems and Interactivity (LabSI2), together with the DeltaData company, identified the need to offer support to the employees of the children's daycare and, at the same time, provide a better quality experience, given that up until now they still kept the children's daily records in paper format. Meanwhile, together with DeltaData, the opportunity arose to develop a mobile application to record the daily activities of the Patronato de Santo António children's daycare center in Beja.
- Two crucial technologies were used to develop the application, namely **Android Studio** (Java) and **SQLite**.
- Supervisors:** Prof. Luís Filipe Nobre Horta Batista Garcia and Prof. Isabel Sofia Sousa Brito;
- Collaboration with Mr. Rui Marques from DeltaData;
- Final grade:** 17

Rebanpet - Mobile Application to Report Abandoned Animals

<https://github.com/tiss05/rebanpet>

- This is a mobile application for Android designed to facilitate the reporting of abandoned animals, with the aim of minimizing animals left on the street and contributing to the proper care of domestic animals. With a simplistic and intuitive user interface, it uses Kotlin to register abandoned animals with the animal's description, precise location and photo. Through the data storage and authentication used by Firebase, the history of reports made by the user can be accessed. It also has a map of Portugal available via the Google Maps API with the kennels available in each district of the country. All reports on abandoned animals are provided in real time.
- Technologies used: **Android Studio** (Kotlin), **Jetpack Compose** and **Google Firebase**.

LANGUAGES

Portuguese Native ●●●●●

English Advance ●●●●●

Spanish Beginner ●●●●●