With a degree in Computer Engineering and practical experience in the field, my career has been driven by a continuous effort to deepen my knowledge in computer science, going beyond academic learning. I am a determined and resilient individual, capable of learning from challenges and consistently motivated to acquire new skills and broaden my expertise.

SKILLS

Operating systems

Windows, Linux(Debian, Ubuntu, Kali Linux)

Programming Languages

Javascript, TypeScript, HTML, CSS, C#, Python

Libraries & Frameworks

React js, React Native, Tailwind, .NET, Next js, SCSS

Tools & Platforms

Git, GitHub, Firebase, Figma, Docker, Flagr, Atlassian, Jenkins, Postman

CONTACTS

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in **LinkedIn**

○ **GitHub**

🌐 **Website**

PEDRO RODRIGUES

▶ EDUCATION

Degree - computer engineering *2020 - 2024*

Instituto Politécnico de Bragança
- UC Student Fundamentals of AWS Cloud Computing

Science and technology course *2017 - 2020*

Escola Luciano Cordeiro, Mirandela

▶ EXPERIENCE

Frontend Software Developer *December 2024 - Present*

Aptoide - Lisboa
- Develop and maintain robust, user-friendly interfaces for Aptoide Wallet's web payments platform using Next.js and SCSS.
- Collaborate cross-functionally with Android engineers, microservices developers, backend teams, infrastructure team, designers, and product managers to deliver cohesive features and seamless user experiences.
- Integrate various web payment solutions and third-party APIs, contributing to secure and efficient payment flows.
- Implement A/B testing using feature flags to optimize user engagement and conversion.
- Support analytics and event tracking across payment flows to inform product decisions and performance insights.
- Contribute to authentication workflows and manage secure access patterns within the payment ecosystem.

Mobile Development Trainee *Sept 2023 - Sept 2024*

Techwelf, Lda. - Bragança
- Developed a mobile app to manage warehouse goods flow, using React Native, TypeScript, Firebase, and integrating the Moloni API for invoicing and inventory control.
- Designed an intuitive user interface for warehouse staff and implemented real-time data updates with React Tanstack Query.
- Collaborated with the development team using Git for version control and Postman for testing and validating API endpoints.
- Gained practical experience in mobile app development, API integration, and team-based software engineering.

▶ PROJECTS

CookingApp

CookingApp is a dynamic application designed to simplify the often overwhelming task of deciding what to cook. Users can effortlessly save their daily recipes, including photos, ingredients, and preparation methods. With a unique feature that allows users to randomly generate a recipe, CookingApp transforms meal planning into a fun and stress-free experience, making it easier to explore new dishes and enjoy cooking every day.

Technologies Used: *React Native, Firebase(Authentication, Firestore, Storage), Expo*

LANGUAGE SKILLS

Portuguese - Native

English - C1

Streaming App(UWP)

StreamingApp is a Universal Windows Platform (UWP)
application designed for users to watch movies and series.
We implemented a quiz-like set of questions for users who
aren't sure what to watch when it comes to movies or series,
which serves as a highlight feature of the app.

Technologies Used: *SQLite, RESTful API with MySQL/SQL Server, C#(.NET Framework)*

HotelReserveAI

Developed a machine learning model using Support Vector
Machine (SVM) to predict hotel reservation cancellations
based on historical booking data. The dataset was preprocessed using Pandas to handle
categorical variables and Scikit-learn for data scaling and
splitting. Data visualization tools such as Seaborn and Matplotlib were
employed to explore correlations and insights within the dataset.
Hyperparameter tuning was conducted using GridSearchCV to optimize
the model's performance. The final model was
applied to an unlabeled dataset to classify future
reservation cancellations, and the results were saved in a
CSV file for further analysis.

Technologies Used: *Pandas, SVM, Seaborn, Matplotlib, Scikit-learn(StandardScaler, train_test_split, GridSearchCV)*

▶ CERTIFICATES

AI Python for Beginners - DeepLearning.AI *June 2025*

Online course authorized by DeepLearning.AI and taught through
Coursera

CCNAv7: Switching, Routing, and Wireless *August 2024* Essentials

Successfully completed the course through the Cisco Networking
Academy program.

NLW Unite - DevOps *April 2024*

Successful completion of Rocketseat's NLW Unite - DevOps course

NLW Unite - React Native *April 2024*

Successful completion of Rocketseat's NLW Unite - React Native
course

Programming with javascript *March 2023*

Online course authorized by Meta and taught through Coursera