BERNARDO SILVA

Computer and Telecommunications Engineering Graduate

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LinkedIn | GitHub | Website

PROFILE

Junior Software Engineer and Graduate in Computer and Telecommunications Engineering. I combine a strong academic foundation with hands-on experience in Mobile (React Native) and Web development (HTML, CSS, Bootstrap). An autonomous professional with strong problem-solving skills, I am focused on building intuitive and functional interfaces, eager to join a dynamic team and contribute effectively to software development projects.

PROFESSIONAL EXPERIENCE

Junior Software Engineer | November 2025 – Present

EUC INOVAÇÃO PORTUGAL, UNIPESSOAL, LDA. - Porto, Portugal (Hybrid)

- Responsible for prototyping (Figma) and front-end development (HTML/CSS/Bootstrap/Wix) of institutional websites, collaborating on the migration of services to Azure.
- Integrated into the R&D team in Digital Health and Digital Twins (IRHIS, TwinRehab, TWIN4CARE), for the development of the mobile application (Android/iOS) in React Native and TypeScript (IRHIS project).

EDUCATION

BSc in Computer and Telecommunications Engineering | October 2022 – July 2025

Instituto Politécnico de Viseu - Escola Superior de Tecnologia e Gestão de Lamego (ESTGL)

CERTIFICATIONS

- Web Servers (IIS, Apache e Nginx) | 2025 - Recode & CDI Portugal
- Front-End Development With HTML, CSS, JavaScript e Bootstrap | 2025 - Recode & CDI Portugal
- Junior Cybersecurity Analyst Career Path | 2025 - Cisco Networking Academy
- Network Technician Career Path | 2025 - Cisco Networking Academy
- Boost Your Productivity with Artificial Intelligence | 2025 - APDC & Google Portugal

ACADEMIC PROJECTS

AI-Powered Mobile App (Final Year Project) | React Native, TypeScript, Gemini API, Firebase

- Developed an inventory management app, integrating the Gemini (Google AI) API for image recognition and Firebase for user authentication, achieving over 99% accuracy and reducing manual entry time by 95% .

Personal Website / Digital Portfolio | HTML5, CSS3, JavaScript, Bootstrap, Chart.js

- Created a 100% responsive portfolio (Bootstrap) with interactive JavaScript features (Dark Mode, Chart.js) and a strong focus on UX .

Distributed Calculator with Docker (Distributed Systems) | Docker, Java, UDP, PHP, HTML, CSS

- Implemented a client-server Calculator (Java/PHP) in Docker containers, featuring UDP communication and automated deployment .

TECHNICAL SKILLS

- Programming Languages: C, C++, C#, Java, Python, JavaScript, TypeScript, SQL
- Web Development: HTML5, CSS3, REST APIs
- Frameworks & Libraries: React Native, Expo, Bootstrap, Chart.js
- Tools: Git, Docker, PostgreSQL, Linux, MS-DOS, Firebase, Figma, AutoCAD, CADited/itur, Adobe Photoshop/Premiere Pro
- Knowledge Areas: Computer Networks, Digital Logic, ITED Telecommunications

LANGUAGES

- **Portuguese**: Native
- **English**: B2 (Upper-Intermediate)
- **Spanish**: A2 (Basic)