



# BERNARDO SILVA

## Software Engineer

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## PROFILE

Software Engineer, with a degree in Computer Engineering and Telecommunications. 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

Software Engineer | November 2025 – Present

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

- **Mobile Front-End & UI (React Native):** Developed dynamic mobile interfaces using React Native (TypeScript), translating high-fidelity Figma prototypes into Pixel-Perfect code. Engineered reusable components and managed app navigation and user experience (UX) flows.
- **Backend Implementation & Integration:** Implemented business logic and REST APIs using Python (Flask), adhering to technical specifications and pre-defined SQL schemas. Integrated the application with Microsoft Azure Cloud databases to ensure secure retrieval and storage of clinical data.
- **Web Development:** Created and maintained institutional websites (HTML5/CSS3/Bootstrap & Wix), ensuring full responsiveness, SEO optimization, and consistency with the brand's visual identity.

## 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

- 5G and Wireless Technologies | 2026 - NAU Platform
- Web Servers (IIS, Apache and Nginx) | 2025 - Recode & CDI Portugal
- Front-End Development With HTML, CSS, JavaScript and 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:** B2 (Upper-Intermediate)