

Bernardo Soares Barardo

Lead Full-Stack Developer

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Full-stack developer with 5 years of experience delivering production applications for US enterprise clients in telecommunications and renewable energy, alongside Portuguese banking and telecoms. Lead-level expertise in React and Next.js, with proven skills in .NET, Azure cloud engineering, and AI integrations. Track record of leading teams, shipping end-to-end solutions (from frontend architecture to backend APIs, cloud infrastructure, and DevSecOps), and mentoring engineers across disciplines. Open to senior and lead roles, remote or international.

Work Experience

Lead Developer, InnoWave Technologies

Internal projects and client delivery (Banco CTT, NOS, MN8), Lisbon / Remote

Sep 2025 to Present

- **InnoTickets, internal ticketing platform (in production).** Designed and delivered the refactor of an AI-prototyped platform end-to-end: built the .NET backend with Minimal APIs, provisioned the full Azure infrastructure (App Service, PostgreSQL, Managed Identity) using Terraform IaC, integrated OpenAI for ticket assistance, and configured CI/CD pipelines.
- **Banco CTT, DevSecOps integration.** Led a team of 4 engineers to integrate SonarQube across 300+ client repositories within a 2.5 month deadline, meeting end-of-year delivery targets. Mentored junior engineers from a cybersecurity background on SDLC practices and supported a non-technical PM in client-facing meetings.
- **NOS, commerce backoffice POC.** Built a drag-and-drop page configurator letting non-technical users design client-facing store pages without code. Architected a linked-component system where state changes cascade between filters, search, and item listings. Deployed on GCP; currently under client negotiation.
- **Banco CTT, platform assessment (frontend specialist).** Evaluated a Lovable-generated HR management tool for production readiness and scoped the engineering effort to migrate its Supabase backend to .NET, aligned with the bank's infrastructure. Proposal accepted.
- **MN8 Energy (US), AI Avatar Platform.** Built the React frontend for a dual avatar system (custom + Azure Cognitive Services) over a RAG-powered knowledge assistant, deployed to a 500-employee US renewable energy client. Solution later repurposed company-wide as an interactive proposal assistant.

Lead Developer, InnoWave Technologies

Assigned to Wide Open West (WOW!), Lisbon / Remote

Nov 2021 to Sep 2025

- Developed and maintained back-office applications (React.js, Next.js, .NET, AngularJS), including a customer support tool and a technician application serving 1,000+ daily users.
- Designed and implemented a scalable modal system for the customer support tool, reducing development time for new modals by 85%.
- Cut development time by 88% for approval workflow components in the scheduling app (AngularJS/Razor), improving maintainability and reducing technical debt.
- Led the Node.js version upgrade of two key applications, improving performance and security while maintaining compatibility with legacy systems.

- Engineered components for WOW!'s Google YouTube TV partnership, enabling seamless integration through cross-functional collaboration.
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Personal Projects

Menu Marvel, AI-powered menu companion for travelers, menu-marvel.vercel.app

Full-stack product that helps travelers understand unfamiliar restaurant menus. Originally bootstrapped in Google AI Studio, then refactored to split the pipeline into deterministic and AI-driven stages: classification and OCR translation are handled by Gemini, while image lookup uses the Google Images API directly and an AI agent scores candidates for relevance. Falls back to AI-generated imagery when no good match exists. Migrated from Vite + React to Next.js to securely handle server-side secrets.

Stack: Next.js, React, TypeScript, Tailwind CSS, Supabase, Google Gemini AI, Vercel

Pawbook, Multi-tenant SaaS for pet hotel management, pawbook-chi.vercel.app

Management platform for pet hotels with a dual-interface architecture: an admin view for hotel owners (client and pet management, daily check-ins and check-outs, configurable stay rules with min/max duration and overnight options, booking calendar) and a customer-facing view for pet owners (stay requests, pet profiles, emergency contacts, medical notes). Built with multi-tenancy from the ground up.

Demo credentials: owner@demo or customer@demo, password demo123

Stack: Next.js, React, TypeScript, Tailwind CSS, PostgreSQL, Prisma ORM, NextAuth v5, Resend

Technical Skills

- **Frontend:** React, Next.js, TypeScript, JavaScript, Vite, AngularJS, Tailwind CSS, HTML, CSS
 - **Backend:** .NET (C#, Minimal APIs), Node.js, REST APIs, Prisma, NextAuth
 - **Cloud and DevOps:** Azure (App Service, Functions, Managed Identity), Terraform, Docker, CI/CD, AWS, GCP (hosting, Cloud SQL), Vercel
 - **Databases:** PostgreSQL, SQL, Supabase
 - **AI and Integrations:** OpenAI API, Google Gemini, RAG architectures, Azure Cognitive Services
 - **DevSecOps:** SonarQube, security and code-quality pipelines
 - **Ways of working:** Agile/Scrum, Git, team leadership, technical mentoring, remote/international collaboration
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Education

Universidade Lusófona, Bachelor's Degree in Computer Engineering (Oct 2018 to Aug 2021)

Relevant coursework: Software Development, Data Science, Computer Architecture, Operating Systems, Mathematics

Languages

- **Portuguese**, Native
- **English**, Professional Working Proficiency (C1)