

# Daniel Ramalho

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## SUMMARY

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Full-stack engineer with 2+ years at Accenture, shipping production web applications at scale — including a payment service used by millions of customers daily and an AI assistant deployed across 1,000+ stores globally. Frontend-focused in React and Next.js with strong full-stack delivery experience across the entire lifecycle, from product refinement to production. Seeking a full-stack role with real product ownership at a fast-moving team.

## EXPERIENCE

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### Full-Stack Engineer & Feature Lead

*Accenture*

Oct 2023 – Present

*Coimbra, Portugal*

#### Project: AI Assistant for Store Managers

- Acting as **Feature Lead** for a team of 3 on a high-visibility conversational AI product used by **1,000+ store managers** — owning the full delivery lifecycle from business requirement to production, collaborating cross-functionally with business stakeholders and designers.
- Designed and implemented a scalable full-stack architecture from scratch using **Next.js** and **Spring Boot** with **REST APIs**, ensuring responsive design, web accessibility (a11y), and high performance across all target devices.
- Managed feature flags (Firebase Remote Config), **OAuth/SSO** authentication flows, and push notifications — directly enabling store operations including real-time sales tracking and expense management.
- Implemented unit and integration tests and conducted code reviews to maintain high code quality and scalability across the codebase.

#### Project: Unified Shipping & Payment Service

- Built a customisable **Next.js** iframe service integrating **GraphQL** and **REST APIs** to unify address and payment flows across the retail platform, replacing disparate legacy systems across multiple retail brands (grocery, fashion, and more).
- The service is now used by **millions of customers daily**, making it the highest-scale system in the platform — with strict requirements around performance optimisation, security, reliability, and uptime.
- Managed **CI/CD pipelines** and **Spring Boot** APIs ensuring secure, reliable transmission of sensitive payment data at scale.

#### Project: Internal Shared Component & Utility Library

- Architected an internal Vite + TypeScript component library with **Storybook** documentation, adopted by multiple teams across the retail platform — standardising UI patterns, enforcing web accessibility, and eliminating duplicated logic.
- Owned contribution guidelines, versioning strategy, and GitLab CI/CD publishing pipeline end-to-end, including unit and integration test coverage standards.

## EDUCATION

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### University of Coimbra

*MSc + BSc in Computer Science*

2018 – 2023

*Coimbra, Portugal*

## TECHNICAL SKILLS

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**Frontend:** React, Next.js, TypeScript, JavaScript, HTML/CSS, Tailwind CSS, Zustand, React Query, Jest, Storybook, GraphQL

**Backend:** Java, Spring Boot, Kotlin, REST APIs, MySQL, PostgreSQL, Firebase, SQL, Node.js, NestJS

**DevOps & Cloud:** GitLab CI/CD, Docker, Google Cloud Platform, LaunchDarkly, Git

**Practices & Tools:** Agile, Code Reviews, Unit & Integration Testing, Responsive Design, Web Accessibility (a11y), OAuth/SSO, Jira, Postman, Coda

**Languages:** Portuguese (Native), English (Fluent)