

Pedro Ferreira

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Summary

Full-stack developer with experience in building scalable web applications, modern front-end architectures, and robust back-end systems. Combining engineering expertise with entrepreneurial experience, I bring technical depth, business understanding, problem-solving and strong ownership to every project. Skilled with React, TypeScript, Node.js, Next.js, Java, SQL/NoSQL databases, and cloud platforms. Passionate about clean architecture, automation, performance optimization, and impactful product development.

Skills

HTML, CSS, JavaScript, TypeScript, React, Next.js, UI/UX fundamentals, responsive design, Node.js, Express.js, Java (Spring Boot), REST APIs, MySQL, PostgreSQL, MongoDB, Firebase, Git, GitHub, CI/CD (GitHub Actions), Docker, JUnit, Mockito, AWS, Google Cloud Functions, VPS/server setup, cloud deployment, integrations with third-party APIs, Agile/Scrum, clean architecture, code refactoring, scalable system design, performance optimization, Data Structures.

Experience

Multivision (Vodafone)

Oct 2025 – Present

Full-Stack Engineer

Remote

- Contributing to a large-scale Vodafone web ecosystem as part of a cross-functional engineering team.
- Building and maintaining scalable full-stack applications with a focus on performance and maintainability.
- Participating in architecture discussions and implementing clean, reusable, and high-quality code.
- Working in an agile environment with CI/CD pipelines, Git, and modern development practices.
- Ensuring security, performance tuning, code reviews, and best practices across systems.

Catalysing IT

Dec 2024 – Present

Founder & Software Engineer

Hybrid

- Founded a digital services company delivering modern web solutions for startups and SMEs.
- Developed full-stack applications: authentication systems, dashboards, e-commerce, automations, and APIs.
- Managed full project lifecycle: requirements gathering, planning, architecture, UI/UX, development, testing, deployment, and long-term maintenance.
- Helped clients with digital strategy, process automation, system integration, and scalability.
- Operated as a technical partner for businesses needing long-term engineering and product support.

Freelance (pedrofdev.com)

Jul 2023 – Oct 2025

Web Developer

Remote

- Developed responsive, SEO-optimized websites and web apps for businesses, startups, and personal brands.
- Specialized in modern frontend development with HTML, CSS, JavaScript, React, and mobile-first UI/UX.
- Built back-end systems and APIs using Node.js, Express, Next.js, and Java Spring Boot.
- Implemented analytics, marketing integrations, and third-party APIs.
- Delivered multiple projects in parallel, ensuring deadlines, quality, performance, and client satisfaction.

Aluminium & PVC Fabrication Business

Sep 2022 – Aug 2023

Web Developer

Hybrid

- Digitally transformed business operations by building inventory/warehouse management software.
- Devised and executed digital marketing strategy, enhancing online presence and customer engagement.
- Managed day-to-day operations and led cross-functional teams, combining technical and operational responsibilities.

Education

24-Hour Hackathon, Code for All (2nd Place) - **2023**

Full-Stack Bootcamp - Java & JavaScript, Code for All (14 weeks) - **2023**

3D Animation & Visual Effects, Lisbon School of Design - **2020**