

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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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