

Marcos Valentín Fitzsimons

AI Product Builder / Full-Stack Developer

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ABOUT ME

AI Product Builder and Full-Stack Developer with 4+ years shipping software across AI systems, web products, mobile apps, and cloud-backed platforms. I build practical AI workflows and full-stack product features with TypeScript, React, Node.js, PostgreSQL, Docker, and OpenAI/Claude API integrations. My work combines product ownership, user-facing interfaces, backend services, and reliable delivery for real business operations.

EXPERIENCE

AI Product Builder / Full-Stack Developer

Remote

Rocking Product

2024 - Present

- Built and iterated Brixia, an AI hotel operations platform that automates guest communication, booking workflows, reservation intake, follow-ups, and operational coordination for hotel teams.
- Designed production AI workflows using agents, tool calling, structured outputs, prompt design, context engineering, evaluations, guardrails, human-in-the-loop review, and lifecycle hooks around model and workflow execution.
- Built Brixia product surfaces and backend services across guest communication, booking intake, reservation workflows, operational coordination, and production delivery.
- Helped Brixia increase booking conversions and contribute to higher sales while reducing repetitive guest communication and operational work, without publishing unavailable figures or over-attributing outcomes solely to AI.
- Took ownership of end-to-end product delivery across frontend, backend, AI workflow design, infrastructure, and QA coordination, working closely with the client's technical and product team to transform ambiguous requirements into usable production features.
- Delivered additional full-stack products across web and mobile platforms using React, React Native, Node.js, secure authentication, automation features, cloud infrastructure, and CI/CD practices.

Full Stack Developer

Remote

Fabebus

2023 - 2024

- Developed a full-stack MERN travel booking platform for Fabebus, implementing user account management, secure authentication and authorization, real-time trip data, and seat reservation flows with up-to-date availability.
- Integrated Mercado Pago API to support secure online payments, improving the booking experience while keeping the platform scalable, reliable, and user-friendly.

SKILLS

Full-Stack: TypeScript, JavaScript, React, Next.js, React Native, Node.js, Express.js, REST APIs, PostgreSQL, MongoDB, Prisma, TypeORM

AI Systems: OpenAI API, Claude API, AI agents, tool calling, structured outputs, prompt design, context engineering, evaluations, guardrails, human-in-the-loop workflows, lifecycle hooks

Cloud & Infrastructure: AWS, Terraform, Docker, DigitalOcean, CI/CD, deployment workflows

EDUCATION

Self-Taught Software Development

Remote

Independent Learning

2021 - Present

- Built practical software development expertise through continuous self-directed learning, production work, and hands-on projects across full-stack development, cloud infrastructure, and AI product workflows.
- Completed structured courses and projects through University of Helsinki, FreeCodeCamp, Frontend Mentor, Udemy, FutureLearn, Platzi, Anthropic Courses, and YouTube resources.