

Xavier Castro

Full-Stack Software Engineer & Founder

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PROFESSIONAL SUMMARY

Consumer-first software engineer and founder with 8+ years building scalable web and mobile solutions. Above all, I make products robust while turning complex workflows into intuitive, enjoyable experiences. I translate business challenges into elegant, production-ready applications while maintaining clean, efficient code that's built to last. At Valenteer, I deliver full-stack B2B solutions using Cloudflare Workers, Next.js, and TanStack, working effectively with clients of all technical backgrounds. My startup experience instilled rigorous Scrum workflows, GitHub-based code reviews, comprehensive testing, and battle-tested deployment practices that ensure every release is production-ready.

PROFESSIONAL EXPERIENCE

Founder & Lead Software Engineer · Valenteer

Jan 2019 - Present

- Founded B2B software company delivering custom web applications and e-commerce solutions for local businesses
- Architect full-stack applications with Next.js, TypeScript, Cloudflare Workers, and TanStack Query/Router
- Partner with clients across all experience levels—translating non-technical requirements into technical solutions and collaborating closely with technical stakeholders on architecture decisions
- Deliver Shopify integrations, custom checkout flows, and payment processing via Stripe/PayPal
- Build automated business tools including invoice systems, analytics dashboards, and internal platforms

Full Stack Developer · Studio VC Fund

Mar 2020 - Jan 2021

- Developed cross-platform Flutter app with real-time geolocation, Firebase messaging, and OAuth (Apple/Google/Facebook)
- Architected scalable Firebase backend for user management and analytics

Founder & Mobile/Web Developer · Augmented Destiny

Jan 2017 - Apr 2019

- Founded AR startup; built iOS app with ARKit/CoreML and web dashboard with Angular/React/TypeScript
- Managed Azure infrastructure (CosmosDB, Azure SQL) with full CI/CD pipelines via Azure DevOps
- Led team using Scrum methodology with GitHub-based PR reviews, automated testing, and staged deployments

Founder & Software Engineer · Jamko

Jan 2017 - Jun 2018

- Built e-commerce platform (React, Node.js, MongoDB) with Stripe payments and Firebase auth
- Implemented Scrum sprints with rigorous code reviews and test coverage requirements before production releases

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, TanStack Query/Router, Tailwind CSS, Angular, React Native

Backend/Cloud: Cloudflare Workers, Node.js, Python, PostgreSQL, MongoDB, Firebase, .NET Core, Azure

Mobile: Flutter, Dart, Swift, iOS (ARKit, CoreML)

DevOps/Tools: Git, GitHub Actions, CI/CD, Docker, Serverless, Monorepo Architecture

E-Commerce: Shopify, Stripe, PayPal, Square

Methodology: Scrum/Agile, Test-Driven Development, Code Review, Production Deployment Workflows

EDUCATION

B.S. Computer Science

University of Texas at San Antonio

2015 - 2022 · Honor's Society · 3.8 GPA

PORTFOLIO

Live projects, client work, and tools at iamxavier.dev