

Jorge Alfonso Cortez Ulloa

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SUMMARY

Senior Full-Stack Engineer with 12+ years building high-impact **web** and **mobile** products. Deep expertise in **React** and **TypeScript** over the past 6+ years. Trusted with end-to-end feature ownership from tech specs to production for multiple projects. Led best practice implementations and code reviews across multi-team environments. Shipped 25+ projects. Comfortable collaborating across design, product, and backend to deliver scalable, maintainable systems. Strong with **AWS** and **Azure**.

SKILLS

Core: React.js, TypeScript, JavaScript, Next.js, Node.js, React Native (Expo), PostgreSQL, MySQL, SQLite, GitHub Actions

Working knowledge: NestJS, Azure/AWS, Webflow, WordPress, Craft CMS, Docker, Shopify, Copilot, Cursor, Kotlin, PHP

WORK EXPERIENCE

Skyrocket Digital | Senior Full Stack Developer | Vancouver, BC May 2023 - Present

- **Led cross-team technical initiatives**, introducing coding standards, code review checklists, and automated test suites that reduced post-release regressions by **36%** and new errors by **40%**.
- Scoped and delivered 20+ projects across React, React Native, Webflow, and Shopify; currently **owner of 5 ongoing projects** with full technical responsibility.
- **Owned and architected a React Native (Expo) app** with offline-first syncing and geolocation tracking functionalities, ensuring reliability with queue-based data flow and real-time updates for marine mammal conservation.
- Led **6+** contractors and introduced **code standards** and **review checklists** that reduced post-release regressions by 20%.
- Implemented and supported continuous iterations of **automated testing suites** for multiple systems.
- Implemented **repeatable workflows** across **Webflow**, **WordPress**, and **React** that cut average build time per feature ~30%.

Skyrocket Digital | Full Stack Developer | Freelance Remote Oct 2021 - May 2023

- Built and maintained **5+** responsive sites and web apps maintaining LCP < 1.5s and CLS < 0.1.
- Supported **Shopify**, **Webflow**, **Craft**, **WordPress**, **React**, **Node.js** projects across multiple industries.
- Drove CI/CD hardening with GitHub Actions and basic Lighthouse/a11y checks per PR.

Sorteos Tec | Full Stack Developer | Monterrey, Mexico Aug 2017 - Oct 2021

- Owned technical responsibility for a **Java/Kotlin** mobile **CRM** and **payment system** adopted as the company's core tool.
- Developed & maintained **5+ internal tools**.
- Migrated **8+** APIs from **SOAP** to **REST**, improving integration speed and stability of legacy systems in parallel with new systems.
- Coordinated multiple contractors for releases tied to the CRM roadmap.

Code Raccoons | Founder / Full Stack Developer | Monterrey, Mexico Sep 2015 - Present

- Delivered 10+ client projects and personal apps; currently maintain WebTricks (OSS).

Microsoft Innovation Center | Software Developer | Monterrey, Mexico Dec 2015 - Jul 2017

- Full Stack developer in multiple projects involving Mobile, Web and desktop applications.
- Developed projects using Microsoft Hololens and Unity.
- Created and taught multiple programming courses for universities and summer camps.

PROJECTS

- [WebTricks](#): Attribute-based vanilla **JavaScript** **Open Source** web library with over 28k hits/month.
- [Whale Report Alert System](#): React Native app with offline-first sync and Azure-backed API for real-time conservation alerts.
- [JSON2Type](#): VS code extension to turn JSON objects to TypeScript types including.
- [useAsyncView](#): NPM module to manage asynchronous loading and visualization for react and React Native projects.
- [SVPT](#): Vite and React Application to visualize information for a Stardew Valley Save file, allowing players to understand what they are missing to complete all achievements in the game.

EDUCATION

Universidad Tecmilenio Jan 2012 - Dec 2016

- Bachelor Software Developer Engineer