

Work Experience

Senior Front-End Developer Development Team	AETO Remote	Feb 2025 – Present
• Led the architectural definition for the company's largest system using Vue.js, TypeScript, Nextjs and Nuxt.js, prioritizing the simplest scalable solutions that reduced system load time from 5 seconds to under 500 milliseconds. • Championed the adoption of Docker to streamline the team's deployment process, which successfully led to a 50% faster environment setup for new developers and improved team collaboration. • Demonstrated resilience by leading the implementation of comprehensive Unit and E2E Testing strategies across the primary codebase, reducing critical production bugs by 45% over six months. • Engineered a full-stack reporting solution (NestJS/pdfmake) to quickly resolve urgent data issues and reduce report generation time by 67% (from 3 seconds to 1 second average), significantly improving user experience and data accessibility for key stakeholders. • Optimized field operations by developing a vehicle inspection application (Expo/React Native) that drastically decreased inspection time by 30% and streamlined evidence collection. • Proficient with AI-assisted development tools (Claude, Cursor, GitHub Copilot, among others), leveraging MCP (Model Context Protocol), Skills, and AI agents to accelerate development workflows. • Implemented CI/CD pipelines using GitHub Actions, automating build, testing, and deployment processes to improve delivery speed and reliability.		
Front-End Developer Development Team	AETO Remote	Jun 2022 -Feb 2025
• Successfully designed, developed, and delivered a React Native MVP (integrating complex features like camera, Bluetooth, and mapping) within an aggressive 2-month deadline. This solution reduced the average operator task completion time by 25% (from 20 minutes to 15 minutes), with some tasks seeing up to a 62% reduction (down to 7.5 minutes). The application currently serves over 150 active users. • Developed multiple integrated web applications using the React and Next.js stack, featuring advanced Google Maps integration and leveraging professional UI libraries like MUI to deliver a high-quality, polished user experience. • Deployed mobile applications to app stores, including the Apple App Store and Google Play Store, managing the full release and submission process.		
Javascript Developer Development Team	AETO Remote	Feb 2021 - Jun 2022
• Increased early feature development efficiency by an estimated 25% by designing and implementing a library of 12 reusable vanilla JS components, significantly reducing repetitive coding time across 4 projects.		

Technologies

- Languages: Javascript, Typescript, HTML, CSS, Python
- Technologies: Vue, Nuxt, React, React Native, Nextjs, Docker, Git, NestJs, Nodejs, Tailwind, Mongo, postgres, supabase, firebase, AWS, GCP, Neon
- Other: ORM, SOLID, Clean Architecture, Design Patterns, Unit Testing, E2E testing

Education and Certifications

- **Bachelor of Software Engineering**, Universidad Ciudadana de Nuevo León 2024