

# Carlos Aguilera

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## PROFESSIONAL EXPERIENCE

<b>Lead Software Engineer</b> <i>The Inked Network (Nuxt, Supabase, Stripe, SEO, AI Integration, PostgreSQL)</i>	June 2025 – Present Lake Forest, CA
<ul style="list-style-type: none"><li>Built and shipped a Nuxt 4 (Vue 3 + TypeScript) app as a cross-platform iOS/Android product using Capacitor 8, integrating native device features like camera and geolocation with a mobile-first UX.</li><li>Integrated key platform services (Stripe, Google Maps, OpenAI GPT-4o, ImageKit/S3) to deliver AI-assisted image tagging, location-based discovery, and automated subscription/payment flows.</li><li>Established robust delivery practices by implementing CI/CD, repeatable Supabase seeding for consistent environments, and standardized how the app talks to backend/services (auth, validation, errors).</li><li>Owned the mobile release lifecycle end-to-end: push notifications, deep linking, offline caching, signing/certificates, and navigating App Store / Google Play privacy, policy, and review requirements.</li></ul>	
<b>Full Stack Developer</b> <i>Ethika Inc. (Vue.js, Symfony, MongoDB, Bootstrap, AWS, Redis, Docker, GitHub Actions)</i>	May 2022 – Present Lake Forest, CA

<b>Software Engineer</b> <i>Nexpa LLC (Vue.js, NestJS, MongoDB, Tailwind CSS, AWS, Google Analytics)</i>	August 2022 – March 2025 Lake Forest, CA
<ul style="list-style-type: none"><li>Built a responsive food truck site with i18n, Square ordering (+15% revenue), automated emails, cron-based menu updates, and reusable UI components.</li><li>Developed and deployed a scalable restaurant platform using NestJS, Square Payments, and REST APIs; implemented CI/CD pipelines, cutting deployment time by 40% and boosting reliability.</li></ul>	

## EDUCATION

<b>California State University, Long Beach</b> <i>B.S. Computer Science - 3.78 GPA</i>	Expected May 2026 Long Beach, CA
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## PROJECTS

<b>Web Programmer</b> <i>Saddleback College Robotics Club (ROS2, Python, Rust, C++, Vue.js, Django)</i>	July 2023 – July 2024 Mission Viejo, CA
<ul style="list-style-type: none"><li>Developed a Django + ROS2 web GUI enabling real-time rover navigation, science platform control, and telemetry monitoring. Implemented bi-weekly Scrum sprints, delivering functional features and tests on schedule.</li><li>Integrated live camera feeds and rover feedback into a responsive Vue.js frontend for the base station.</li><li>Contributed to the team's advancement to the University Rover Challenge finals, ranking three places higher.</li></ul>	

## SKILLS & TECHNOLOGY

<ul style="list-style-type: none"><li><b>Programming Languages:</b> JavaScript, TypeScript, PHP, C++, Java, Python, Rust, SQL</li><li><b>Technologies:</b> Vue.js, Nuxt, React, Bootstrap, Tailwind CSS, Symfony, Django, NestJS, Node.js, Stripe, Capacitor</li><li><b>Databases &amp; Auth:</b> MongoDB, PostgreSQL, Redis, Supabase, JWT, OAuth2</li><li><b>DevOps &amp; Tools:</b> AWS, Vercel, Cloudflare, Docker, Git, Linux, Jira, Nginx, App Store Connect, Google Play Console</li><li><b>Core Skills:</b> Agile development, OOP, problem-solving, collaboration, adaptability, analytical thinking</li></ul>	
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