

Mario Guillermo Flores Enamorado

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 4+ years of experience designing, building, and scaling high-performance web applications. Proven ability to improve application performance, reduce technical debt, and deliver production-ready solutions using React, Next.js, Node.js, and cloud-native architectures. Strong collaborator with experience across fintech, healthcare, education, and e-commerce domains.

CORE SKILLS

Frontend: React, Next.js, SvelteKit, Nuxt, JavaScript, TypeScript, HTML5, CSS3, SASS, Tailwind CSS

Backend: Node.js, Express, NestJS, REST APIs, GraphQL, AWS Lambda, API Gateway

Databases: PostgreSQL, MongoDB, MySQL, Prisma ORM

Cloud & DevOps: AWS, Docker, CI/CD (GitHub Actions, GitLab CI)

Testing: Jest, Chai, Playwright

Tools & Practices: Git, Agile/Scrum, System Design, Performance Optimization, CMS (Contentful, Strapi)

PROFESSIONAL EXPERIENCE

Senior Software Engineer — Atomic Coders LLC (Remote) | 2021 – Present

- Architected and developed scalable, production-grade web applications using React, Next.js, and Node.js supporting thousands of users.
- Improved frontend performance by 30–50% through rendering optimization, code splitting, and refactoring.
- Designed and maintained CI/CD pipelines, improving deployment reliability and release frequency.
- Collaborated with cross-functional teams to deliver high-impact features on schedule.
- Contributed to system architecture decisions and long-term technical strategy.

Senior Full Stack Developer — Cause of a Kind (COAK) (Remote) | 2023 – 2024

- Built and maintained full-stack web applications using modern frontend frameworks and scalable backend services.
- Partnered with designers and product managers to deliver accessible, user-centered interfaces.
- Refactored core systems to improve performance, scalability, and maintainability.

Engineering Intern — Falcon Ingeniería | Apr 2021 – Sep 2021

- Developed software solutions integrated with industrial hardware systems for real-world engineering applications.
- Assisted with automation, debugging, and production system support.

SELECTED PROJECTS

Mirador LLC: Financial advisor platform — React, Jest

- Implemented new features and optimized UI performance.

Columbia University: Internal document viewer — React, TypeScript, Material UI

- Migrated legacy code to TypeScript and improved application stability.

Rialtic: Healthcare claims management platform — Nuxt, NestJS, Prisma

- Built features and improved backend data operations in a regulated environment.

Free Referral: Expert connection platform — SvelteKit, Contentful
• Implemented responsive layouts and interactive components.

Redpanda: Corporate website — Next.js, Tailwind CSS, Contentful
• Optimized performance and implemented CMS-driven features.

Natura Wines: E-commerce platform — SvelteKit, Tailwind CSS, Contentful
• Built optimized product pages and improved load times.

EDUCATION

B.S. Computer Systems Engineering, Universidad Tecnológica Centroamericana (UNITEC) | 2017 – 2022
Science & Humanities Program, Instituto Experimental La Salle | 2009 – 2016

LANGUAGES & INTERESTS

Spanish (Native), English (Advanced)
Guitar composition, video games, software architecture, emerging technologies