LUIS GOMEZ

SOFTWARE ENGINEER

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Software Engineer with a proven record of increasing revenue by $2M+ and reducing system downtime by 30% by designing and developing scalable full-stack applications in React, Java, and .NET.

TECHNICAL SKILLS

Frontend: React, Angular, TypeScript, JavaScript (ES6+), Next.js, Tailwind CSS, HTML5, CSS3, Redux
Backend: Node.js, Express, Java, Spring Boot, C#, .NET Core, REST APIs
Cloud & DevOps: GCP, Docker, Kubernetes, CI/CD (Azure DevOps, Jenkins), Vercel, Firebase Hosting
Databases & Auth: PostgreSQL, Prisma, MongoDB, Firebase, Lucia Auth, Okta, ASP.NET Identity
Testing & Monitoring: Jest, Splunk, PagerDuty
Developer Tools & Methodologies: Git, Adobe Target (A/B Testing), Agile/Scrum
AI: Cursor, ChatGPT, Open AI, Claude, Deep Seek

PROFESSIONAL EXPERIENCE

Early-Stage Startup (Real Estate / PropTech) | Remote
Software Engineer (Contract) | Feb 2025 – Jul 2025

- Built a full-stack real estate platform, transforming static React frontend into a dynamic application by integrating RapidAPI Realtor service for real-time property searches, location autocomplete, and responsive listings with infinite scroll.
- Developed a secure Node.js/TypeScript backend API using Express.js, enabling automated Google Sheets lead management, Stripe payment processing, and real-time receipt generation.
- Optimized frontend performance and UX through custom React hooks, Intersection Observer API, debounced searches, responsive skeleton loading states, and robust error handling.
- **Tech Stack**: React, TypeScript, Node.js, Express.js, Stripe, Google Sheets API, RapidAPI, Intersection Observer, REST APIs

Capital One | New York, NY
Software Engineer | Apr 2022 – Apr 2024

- Led UI infrastructure monitoring initiative that included designing and developing 48 Splunk dashboards and automated Slack alerts. Reduced production downtime by 30% during high-stakes credit card launches and improved issue detection by 10% for a system handling 1,600 transactions/day.
- Architected and optimized responsive digital forms for 5 marketing channels (tablet/mobile), increasing application completion rates by 25% and decreasing user drop-off by 15%.
- Led A/B testing (Adobe Target) on approval pages for WSI/REI campaigns, resulting in a 9% revenue increase ($2M+ annually).
- Owned the frontend integration for the virtual card number generation feature in a new credit decisioning application, supporting 11K+ weekly applications through a resilient Node.js microservice architecture featuring health checks, request idempotency, and a circuit breaker pattern to ensure 99.8% uptime.
- **Tech Stack**: JavaScript, React, Node.js, Splunk, PagerDuty, Adobe Target, REST APIs, Agile/Scrum

Cognizant (via Revature, LLC) | Plano, TX
Software Engineer | Jun 2020 – Mar 2022

- Developed and maintained Quiz Monster, a Next.js and Spring Boot platform for assessing intern knowledge gaps, replacing HackerRank ($3K/month savings) and accelerating onboarding by 40% through async grading with RabbitMQ and quiz caching.
- Established and led a peer mentorship program for 300+ engineers, building Kubernetes-based training environments and standardized guides on TDD and Agile that reduced ramp-up time and improved client project readiness by 40%.
- Conducted 75+ technical interviews, emphasizing TDD and pair programming, which elevated client satisfaction scores by 15%.
- **Tech Stack:** Angular, React, C#, Java, Spring Boot, Next.js, RabbitMQ, Docker, Kubernetes, REST APIs

PROJECTS

Personal Portfolio | React, TypeScript, Tailwind CSS, Firebase, Mantine

- Built a modern, responsive web app to showcase professional experience, projects, and skills with an interactive user interface.
- Implemented project filtering, animated skill cloud, PDF viewing, and a Firebase-powered contact form.
- Optimized for performance and SEO with lazy-loaded components, meta tags, and PWA capabilities.

Social Learn | Next.js, TypeScript, Tailwind CSS, Prisma, Stream Chat, UploadThing

- Built a full-stack web app integrating social networking and collaborative learning with real-time messaging, profiles, and content feeds utilizing Stream Chat and UploadThings.
- Implemented PostgreSQL schema with Prisma ORM and integrated secure authentication with Lucia Auth.
- Engineered responsive UI with infinite scroll, media support, and dark/light mode using Tailwind CSS.

EDUCATION

Bottega Code School (Full Stack Dev Certificate) • **UC Santa Barbara** (BFA in Dance)