Rodolfo Guluarte Hale

rodo@guluarte.com

Professional Summary

Seasoned Full-Stack Engineer with 10+ years of experience building scalable web applications. Expert in modern JavaScript/TypeScript ecosystems and cloud-native architectures. Combines leadership in complex projects with hands-on expertise in AI/ML integration, performance optimization, and full-stack development.

Main Technologies

- JavaScript/TypeScript: 10+ years
- React: 7+ years
- Node.js/PHP: 8+ years
- AWS/Cloud: 6+ years

Technical Toolkit

- Frontend: React, Next.js, Remix, Redux, Tailwind
- Backend: Node.js, Express, Python
- APIs & Services: REST, GraphQL, Supabase
- Databases: PostgreSQL, MySQL, MongoDB, Redis
- DevOps & Cloud: AWS, Docker, CI/CD
- Testing: Jest, Vitest, Cypress, Playwright, Storybook

Experience

Sr Full-stack Engineer - Contract | VentureHub.ai, Remote (New York)
January 2024 – Current

Shipped core product pillars across AI, integrations, billing, and client access for a multi-tenant SaaS platform. Led end-to-end delivery from data models and APIs to secure auth and a polished UI.

- Launched Google and Outlook email/calendar integrations with OAuth, encrypted tokens, and background sync, unifying communications and scheduling.
- Delivered tenant subdomains and client access with subdomain resolution, JWT magic links, strict RLS, and whitelabel branding.
- Built Stripe Connect billing from time entry to invoicing with PDFs, itemization, analytics, and real-time status sync.
- Shipped an AI-powered proposal and slide generator with GPT streaming, schema-driven input forms in Contentful, autosave, and responsive UX, reducing assembly time.
- Developed an AI agent platform with schedulers and orchestration, tool catalog, Trello integration, granular permissions, and unified model routing across OpenAI, Anthropic, and Perplexity.
- Standardized dynamic intake to legal documents using Contentful forms with validation, autosave drafts, document schemas, and versioning.
- Improved site UX and strengthened authentication, logging, and CI for faster, safer releases.

Key Technologies: Next.js, React, TypeScript, Node.js, Vercel, Supabase, PostgreSQL, Stripe, Tailwind, OpenAI, Anthropic, Perplexity, Contentful, Gen AI.

Sr Full-stack Engineer (Part-time) | Freelance
July 2024 – Current

Successfully architected and delivered diverse full-stack solutions across multiple client projects, utilizing a wide range of modern technologies to meet specific business needs.

- **Real-Time AI Conversation Platform:** Developed a real-time AI conversation tool using Laravel, TortoiseTTS, OpenAI, and WebRTC for personalized voice synthesis and low-latency audio.
- **PETA's VeganStart App Upgrade:** Enhanced the mobile application by integrating new user-contributed product features to improve discovery and engagement.
- **AI-Powered Health Analytics Platform:** Continued development of a preventative health platform built with Flutter, Django, Celery, and Python, integrating Google Vertex AI for personalized wellness insights after the founding engineer's departure.
- **BatchStudio.app (Shopify AI Image Generator):** Co-developed an AI-powered Shopify app using Remix, Gadget.dev, and OpenAI GPT-Image API to generate high-converting product visuals in bulk, integrating Mantle Payments for subscriptions.
- **AI Career Quiz Project:** Built a career recommendation web app with React and Next.js, incorporating generative AI for personalized assessments, Stripe for payments, and full user/company management.
- **Automated Article Generation:** Developed an application integrating Notion, OpenAI, and WordPress API to automate article generation and publishing.

Key Technologies: React, TypeScript, Laravel, Vue.js, Next.js, Python, AWS, OpenAI, Node.js, Flutter, Django, Remix, Shopify, Storybook, Vitest.

Sr Full-stack Engineer | Renters Legal Liability LLC, Remote (Salt Lake City, Utah)
January 2018 – January 2024

Led the development of a cross-platform insurance application for quote generation and claims management.

- Developed hybrid apps (Android, iOS, web) using React, React Native, and Node.js.
- Architected and implemented a new GraphQL backend for centralized data access.
- Coded complex features like insurance quotes, claims, and payment processing.
- Troubleshot and debugged app/service issues.
- Monitored and tuned application performance for enhanced user experience.
- Refactored Node.js codebase to TypeScript for improved readability.
- Led migration to Single Sign-on (Auth0) for increased security and convenience.

Key Technologies: TypeScript, PHP, React, GraphQL, Angular, CodeIgniter, MongoDB, Express.js, NestJS

Full-stack Engineer - Contract | Unbooked Appointments Inc, Remote (Charleston, SC)
January 2017 – January 2018

Enhanced a complex scheduling platform with advanced booking functionalities and third-party integrations.

- Developed multi-service booking system with vendor availability confirmation
- Integrated platform with third-party services like Mindbody using REST APIs
- Optimized calendar functionality for cross-time zone operations
- Resolved performance bottlenecks using telemetry and profiling tools

Key Technologies: C#, ASP.NET MVC, TypeScript, Angular, T-SQL.

Software Engineer | xRM.com, Remote (Las Vegas, NV)
May 2015 – January 2017

Focused on web application development and CRM customization projects.

Notable Projects:
- Developed the "Integrated Safe School Plan" web application (https://www.lausd.org/issp) for LAUSD, utilized by thousands of students, leveraging ASP.NET MVC 5.
- Implemented custom workflows and plugins for MS Dynamics CRM
- Created reusable resource scheduling calendar for MS Dynamics 365
- Developed Java connector for MS Dynamics CRM integration
- Implemented a CRM solution for synchronizing Shopify and BigCommerce with MS Dynamics

Key Technologies: C#, ASP.NET MVC, JavaScript, Java, MS Dynamics CRM, T-SQL.

Software Engineer | Tedesi Sistemas S. de R.L. de C.V, La Paz, México
January 2012 – May 2015

Maintained and enhanced point of sale systems and web development projects.

Technical Contributions:
- Maintained POS systems using VB.NET, C#, and MySQL
- Designed and optimized MySQL databases, including stored procedures and user-defined functions
- Developed custom web portal using PHP, MySQL, and Silex framework

Key Technologies: VB.NET, MySQL, PHP, JavaScript

Freelance Developer | La Paz, México
July 2006 - December 2011

- Provided comprehensive web development and server administration services.
- Developed and implemented web scraping solutions for various clients using Python.

Key Responsibilities:
- Developed and maintained websites using PHP and MySQL
- Administered LAMP stack servers
- Created custom WordPress plugins and themes

Key Technologies: PHP, JavaScript, MySQL

Education

Bachelor in Software Engineering, Universidad Abierta y a Distancia de México (UnAD), Mexican Professional License #: 10145135

Languages

Spanish (Native), English (Fluent), French (Basic competence)