

Samuel Alejandro Forero Molano

Full-Stack Software Engineer | React, Vue, Svelte | 3+ Years Experience | Fluent English

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SUMMARY

Full Stack Software Engineer with 3 years building scalable web applications and complex third-party integrations. Specialized in payment systems (Stripe, PayPal), API integrations, and multi-currency architecture with strong emphasis on SOLID principles and performance optimization. Proven expertise implementing production-grade observability (Sentry, Grafana Loki), strategic caching strategies, and end-to-end feature ownership from database design to pixel-perfect UI. Advanced from Junior Frontend to Full Stack through consistent delivery of business-critical solutions. Experienced collaborating with cross-functional teams including designers, product managers, and engineers.

SKILLS

Frontend Technologies

JavaScript, Typescript, React, Vue2/3, Svelte/SvelteKit, CSS3, SCSS, TailwindCSS, Bootstrap, Responsive Design, Figma

Integrations & APIs

Stripe, PayPal, Shippo, ShipHero, ShipStation, Algolia, Google Tag Manager, Meta Pixel

Tools & Automation

n8n, Excel Automation, Bulk Operations, Data Processing, Workflow Automation, Github, CI/CD

Backend & Databases

Node.js, MongoDB, Redis, RESTful APIs, GraphQL APIs, Database Design, Query Optimization

DevOps & Monitoring

Git, AWS S3, Sentry, Grafana Loki, Winston, Error Tracking, Performance Optimization

Practices & Architecture

SOLID Principles, Atomic Design, Component Architecture, Agile Methodologies, Cross-functional Collaboration

PROFESSIONAL EXPERIENCE

Full Stack Engineer

QuanticWorks

09/2024 – present
Bogotá, Colombia
(Remote)

- Manage complete technical infrastructure as sole developer, owning all aspects from database design to frontend implementation and production deployment
- Architected and maintained centralized multi-site dashboard for managing multiple e-commerce platforms, streamlining operations and reducing management overhead
- Implemented production-grade observability stack including Winston logging, Sentry error tracking, and Grafana Loki for comprehensive system monitoring and debugging
- Developed strategic Redis caching layer to optimize database queries, eliminating redundant operations and significantly reducing API response times
- Built external checkout integrations for Meta Shop and TikTok Shop, enabling social commerce capabilities and expanding sales channels
- Created n8n automation workflows for order processing, data transformations, and system integrations, reducing manual operations and improving efficiency
- Implemented bulk upload/download functionality for products and orders, enabling efficient data management at scale
- Designed and maintained MongoDB schemas consistently across services, ensuring data integrity and supporting system scalability
- Integrated packaging calculation libraries and download functionality for customer data and form responses, enhancing operational capabilities

Junior Full Stack Developer

QuanticWorks

12/2023 – 09/2024
Bogotá, Colombia
(Remote)

- Implemented end-to-end payment processing with Stripe and PayPal, handling secure transactions, webhooks, and error handling for business-critical operations

- Developed comprehensive coupon validation system with expiration logic, product/category rules, and multiple discount types, enabling flexible promotional campaigns
- Integrated logistics providers (Shippo, ShipHero, ShipStation) for domestic and international order fulfillment, automating shipping workflows and tracking
- Built product filtering functionality using Algolia search engine, improving product discovery and user experience across the platform
- Contributed to multi-locale and multi-currency architecture implementation, supporting international market expansion
- Collaborated with designers and product managers to translate business requirements into technical specifications and deliverable features
- Proactively studied complete system architecture to understand data flows and business logic, identifying opportunities for technical improvements and earning promotion to Full Stack Software Engineer

Junior Front End Developer

QuanticWorks

05/2023 – 12/2023
Bogotá, Colombia
(Remote)

- Transformed Figma designs into responsive, pixel-perfect web pages using React and Vue, ensuring cross-browser compatibility and optimal user experience
- Developed reusable component library with parameterized props, reducing development time and maintaining consistency across multiple e-commerce sites
- Implemented analytics tracking using Google Tag Manager and Meta Pixel to measure user behavior and conversion metrics
- Optimized component lifecycle management and rendering performance, improving page load times and user interactions
- Collaborated closely with designers and product managers to refine UI/UX specifications and deliver features aligned with business requirements
- Proactively expanded into backend development by learning Node.js and database management, investigating API integrations and server-side logic to understand the complete request-response cycle, leading to promotion to Full Stack role

EDUCATION

Elementary, Middle and High School

Colegio Emmanuel d'Alzon

2009 – 2020
Bogotá, Colombia

Participated in technology clubs and early programming workshops, building foundational skills in logic and problem-solving.

LANGUAGES

Spanish

Native

English

C1

French

B1