

# Samuel Alejandro Forero Molano

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

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 Samuel Forero Molano  github.com/Sadmuel

## 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

- 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

09/2024 – present

Bogotá, Colombia

(Remote)

### Junior Full Stack Developer

QuanticWorks

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

12/2023 – 09/2024

Bogotá, Colombia

(Remote)

- 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*

- 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

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

## **EDUCATION**

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### **Elementary, Middle and High School**

*Colegio Emmanuel d'Alzon*

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

2009 – 2020  
Bogotá, Colombia

## **LANGUAGES**

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**Spanish**  
Native

**English**  
C1

**French**  
B1