

Sergio Miranda — Senior Full Stack Engineer

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PROFESSIONAL SUMMARY

Senior Full Stack Engineer and AI Developer with 10+ years of experience designing, developing, and optimizing scalable web and mobile applications. Expert in JavaScript/TypeScript, React, React Native, Vue, Node.js (Nest.js, Express), PHP, .NET, Java (Spring Boot), Python for AI/ML, and AWS. Strong background in microservices, REST/GraphQL APIs, ERP integrations (NetSuite, Salesforce), cloud-native architectures, AI/ML development, LLM integration, and automation. Proven ability to lead development, optimize systems, build intelligent AI-powered applications, and collaborate across product and engineering teams within Agile environments.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, Python, Ruby, C#, Java

Frontend: React, React Native, Next.js, Vue, Angular, TailwindCSS, Webflow, WordPress

Backend: Node.js(Nest.js), .NET, Java (Spring Boot), Django, Flask, Ruby on Rails, Laravel

AI & Machine Learning: Python (AI/ML), AI Chatbots & Conversational AI, NLP, LangChain

APIs: REST, GraphQL, WebSockets, gRPC, SuiteTalk, SuiteScript

Databases: PostgreSQL, MySQL, MongoDB, Redis

Cloud & DevOps: AWS (Lambda, ECS, EC2, S3, RDS, API Gateway, CloudWatch), Docker, Kubernetes, Serverless Framework, Terraform

ERP/Platforms: NetSuite, Salesforce, Shopify, Webflow CMS, SuiteCommerce

Tools: Jira, GitHub, Postman, Figma, Slack

PROFESSIONAL EXPERIENCE

Opvero — Senior Full Stack Engineer

Feb 2023 – Present

- Planned and engineered full-stack applications using **React**, **Vue**, **Next.js**, **Nest.js**, **Laravel**, **.NET**, and **Java** (Spring Boot).
- Developed AI-powered intelligent applications with **Python**, **OpenAI API**, **LangChain**, and LLM integration for enhanced user experiences.
- Enhanced and sustained high-availability **REST** and **GraphQL APIs** with PostgreSQL and MongoDB.
- Optimized financial and billing workflows using Ruby on Rails and Laravel.
- Built scalable **AWS** microservices powered by **Lambda**, **ECS**, **EC2**, and **Docker**.

Weldclass — Full Stack Engineer

Apr 2020 – Dec 2022

- Enhanced internal web platforms supporting Weldclass's dealer network, including order management, inventory visibility, and product support systems.
- Constructed backend services using **Nest.js**, **Node.js**, **PHP (Laravel)**, and **PostgreSQL** for product catalogs, pricing automation, and warranty workflows.
- Executed **NetSuite** with internal and external systems using **RESTlets**, **SuiteTalk**, and **Python ETL** pipelines.
- Implemented **CI/CD** pipelines with GitHub Actions and **Docker**, improving deployment speed and reliability.
- Created **SuiteScripts** (Map/Reduce, Scheduled, User Event) to automate and improve ERP data processing.

StreamNova Media — Full Stack Developer

Aug 2017 – Mar 2020

- Improved enterprise **web and mobile** applications using React, **React Native**, Vue, Node.js, **.NET Core**, and **Laravel**.
- Delivered cross-platform mobile features in React Native, integrating REST/GraphQL APIs and optimizing performance for **Android** and **iOS**.
- Engineered scalable **REST** and **GraphQL APIs** and implemented third-party integrations for both web and mobile products.
- Maintained Webflow and WordPress platforms with custom integrations and automation.
- Enforced **CI/CD** workflows, cutting deployment times from hours to minutes.
- Boosted **SEO** for six websites, resulting in measurable traffic growth.
- Collaborated with design, QA, and PM teams under **Agile/Scrum** workflows.

WebCreek — Software Developer

Sep 2013 – Jul 2017

- Built custom web applications for U.S.-based clients using **Angular**, Vue, **Java**, Node.js, and PHP across industries like energy, logistics, and enterprise services.
- Improved responsive UIs and dashboards to support operational and field-service workflows.
- Created and upheld **WordPress plugins**, **Webflow builds**, and **CMS** solutions.
- Crafted **Shopify** themes and optimized e-commerce performance for retail clients.
- Integrated APIs, **CRM** systems, and internal tools to streamline client workflows.
- Implemented cloud applications on AWS and Firebase and set up automated CI/CD pipelines.

EDUCATION

Bachelor of Science in Computer Science

San Francisco University of Quito | 2009–2013

GPA: 9.12 / 10