

# RUBEN D. GARCIA

## Senior Software Engineer

rubendariogp99@gmail.com

### Profile

**Senior Software Engineer** with over **5 years of experience** specializing in **Go, AWS**, and the design of **scalable distributed systems**. Adept at building **event-driven** architectures and **resilient microservices** supported by **TDD, CI/CD, and Infrastructure as Code practices**, ensuring **99.99% service uptime** and hardening through **queue-based exponential back off solutions**. Experienced in **full-stack development** with **React and Vue**, and in managing both **SQL and NoSQL** data models. Recognized for **strong leadership, communication, and ownership**, with a proven ability to deliver **high-performance** platforms that scale efficiently in **fast-paced environments**.

### Experience

Cadana — <https://cadanapay.com/>

Remote

Lead engineer (Full-Time)

06/2021 - 01/2025

**Tech Stack:** *GoLang, Python, JavaScript, NodeJS, TypeScript, VueJS, AWS (Lambda, S3, SNS, SQS, Kinesis, DynamoDB, Athena, CloudFormation, EC2), Docker, NodeJS, TypeScript, VueJS, PostgreSQL, RDS, GitHub Actions, Zapier*

- **Cut AWS infrastructure costs by 30%** by redesigning DynamoDB models implementing lifecycle management for infrequently accessed data and taking advantage of **Graviton (ARM) processors for lambda functions before Go 1.x runtime deprecation in AWS**.
- **Reduced** overall core microservice **response time from 20% to 70%** implementing structured **concurrency patterns**.
- **Decreased release time by 40%** by developing a **custom integration testing framework in Go** adopted across 30+ microservices.
- **Mentored 2 engineers**, fostering best practices for **observability, performance profiling, and distributed tracing**.
- **Launched 2 flagship fintech products** (virtual card and Web3 equity investing) that scaled to handle thousands of concurrent transactions while meeting AML compliance, which **increased platform financial assets & customer retention as well as wallet top-ups**.
- **Enhanced system observability and incident response** by integrating **PagerDuty, CloudWatch** metrics and structured logging pipelines.

Esusu — <https://esusurent.com/>

Remote

Software Engineer (Full-Time)

05/2020 - 06/2021

**Tech Stack:** *GoLang, JavaScript, NodeJS, TypeScript, ReactJS, AWS (Lambda, S3, SNS, SQS, CloudFormation, EC2, Lex), Docker, MongoDB, PostgreSQL, GitHub Actions*

- **Accelerated monthly rent data reporting by 40%** through automation of ingestion pipelines across 4+ real estate APIs.
- **Developed** an automated internal messaging platform, **cutting operational effort by 90%** and **increasing overall customer engagement**.
- **Built** a React-based MVP admin UI, **cutting operations' dependency on developers** for multiple routine tasks.
- **Improved data consistency** across MongoDB clusters via connection pooling and optimized query design.

Somos Sistemas — <https://somossistemas.com/>

Hybrid, Venezuela

Project Manager (Part-Time)

02/2020 - 08/2020

**Tech Stack:** *GoLang, NGINX, Docker, NodeJS, TypeScript, VueJS, MongoDB, PostgreSQL, RDS, GitHub Actions*

- **Lessened deployment and onboarding time by 50%** and **improved database update pipelines** by implementing self-hosted tenancy management in a centralized VPC environment, replacing inefficient on-premise setups.
- **Delivered a new CRM analytics module in 8 weeks**, enabling company-wide KPI tracking and sales forecasting.

### Find me online



GitHub

<https://github.com/rubengp99>



Website

<https://rubengp99.github.io>



LinkedIn

<http://www.linkedin.com/in/rubengp99/>

### Education

Universidad de Margarita (UNIMAR)

Nueva Esparta, Venezuela

Engineers' Degree in Systems Engineering

07/2015 - 05/2020