



Mr. Richard Medina PhD

Mid-level Software Engineer (MarTech)

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SKILLS

Go • gRPC • Kubernetes • Prometheus • Docker • Helm • Terraform • Grafana • PostgreSQL • REST APIs • CI/CD (GitHub Actions) • OpenTelemetry

EXPERIENCE

Software Engineer (MarTech) — NovaMarTech Solutions

June 2023 – Present

Led the design and implementation of Go-based microservices with gRPC interfaces to support MarTech campaigns. Orchestrated Kubernetes deployments, including Helm-based release pipelines, enabling zero-downtime upgrades and auto-scaling during peak demand. Implemented Prometheus-based monitoring with Grafana dashboards, reducing MTTR by 40% and improving visibility across services.

Software Engineer — Signalize MarTech

January 2021 – May 2023

Developed Go services with gRPC interfaces for marketing analytics pipelines deployed on Kubernetes. Created CI/CD pipelines with GitHub Actions, doubling deployment frequency and cutting lead time. Enhanced data integrity and performance with PostgreSQL optimizations and schema migrations.

Software Engineer — OrbitData Labs

May 2019 – December 2020

Built Go microservices exposing REST and gRPC endpoints; containerized with Docker and deployed on Kubernetes. Instrumented services with OpenTelemetry and Prometheus metrics; contributed to alerting and dashboards. Collaborated on CI improvements and performance profiling to reduce latency.

EDUCATION

Graduated: 2020