

Jorge Massih

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Professional Summary

Senior Backend Engineer with 7+ years of engineering experience specializing in Go (Golang), distributed systems, high-throughput microservices, and cloud-native architecture. Experienced in system design, REST and gRPC APIs, database performance, concurrency, event-driven systems, and production services across Amazon Web Services (AWS), Google Cloud Platform (GCP), and Microsoft Azure. Technical leader using Kubernetes, Docker, Terraform, CI/CD, observability, and Clean Architecture to deliver reliable, scalable, and maintainable software.

Technical Skills

Languages: Go (Golang), Python

Backend and Architecture: Distributed Systems, Microservices, REST APIs, gRPC, System Design, API Design, Clean Architecture, Hexagonal Architecture, High Concurrency, Performance Optimization

Cloud and DevOps: Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure, Kubernetes, Docker, Terraform, CI/CD

Databases and Caching: PostgreSQL, MySQL, MongoDB, CockroachDB, Redis

Messaging and Streaming: Apache Kafka, Amazon Simple Queue Service (SQS), Event-Driven Architecture

Reliability and Observability: Reliability Engineering, Prometheus, Grafana, Monitoring, Alerting, Distributed Tracing

Professional Experience

Senior Backend Engineer

Salesforce | Remote, Estonia | Sep 2024 – Present

- Architected and deployed distributed microservices processing more than 1 million operations per second while maintaining high availability and low production latency.
- Owned delivery and production support for 15+ mission-critical third-party integrations, enabling customer automation at scale while meeting reliability and performance requirements.
- Directed system and API architecture for high-scale workloads, translating product and business requirements into scalable backend designs.
- Optimized concurrency models and backend data flows to sustain high throughput and reliability under heavy production loads.

Senior Software Engineer and Team Lead

OGTIC | Dominican Republic | Aug 2023 – Sep 2024

- Reduced API latency by approximately 60% by leading a migration to Go microservices and optimizing database access.
- Increased service uptime to more than 99.9% and accelerated incident response by implementing monitoring, alerting, and distributed tracing.
- Led backend engineering for government digital platforms serving thousands of users each day.
- Established team-wide Clean Architecture, secure development, and structured code-review standards to improve code quality and maintainability.

Software Engineer

OGTIC | Dominican Republic | Dec 2021 – Aug 2023

- Improved API stability and response times through SQL query optimization, caching, and data-model improvements.
- Built backend services for government identity, document, and public-service platforms.
- Partnered with cross-functional teams to deliver secure, maintainable features for national digital initiatives.
- Introduced CI/CD, performance profiling, and backend engineering standards to improve release consistency and maintainability.

Cloud-Native Software Engineer

Archk | Remote | Nov 2021 – May 2024

- Reduced operating costs and strengthened reliability by introducing distributed event-driven architectures and autoscaling strategies.
- Built and maintained cloud-native microservices across AWS, GCP, and Azure using Kubernetes and Docker.
- Accelerated releases and improved cross-team consistency by standardizing API contracts and deployment

workflows.

Software Engineer

ONEMAX | Dominican Republic | Feb 2021 – Dec 2021

- Automated backend workflows, increasing operational uptime and reducing manual intervention.
- Implemented Prometheus and Grafana dashboards to expand system-performance visibility and support service-level agreement (SLA) improvements.

Research Assistant

Pontificia Universidad Catolica Madre y Maestra (PUCMM) | Dominican Republic | Nov 2019 – Oct 2020

- Increased research data collection and processing efficiency by approximately 30% by developing automation tools and data workflows.
- Improved predictive-model accuracy and streamlined data analysis by applying data science techniques.

Network Engineer Intern

Banco ADEMI | Dominican Republic | Jun 2019 – Sep 2019

- Supported secure and reliable network infrastructure for internal banking systems.

Education

Bachelor of Engineering in Communications Engineering

Pontificia Universidad Catolica Madre y Maestra (PUCMM) | Dominican Republic | 2016 – 2020