Joey Boy Mendoza

Senior Backend Engineer

Contact

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Professional Summary

Senior Backend Engineer with 5+ years of experience designing, developing, and deploying high-performance, scalable backend systems. Deep expertise in **Go** and its frameworks (**Gin**, **Echo**, **gRPC**) for building robust microservices and APIs. Proven ability to architect and implement distributed systems using **Kafka** for event streaming, containerize applications with **Docker**, and manage data persistence with **PostgreSQL** and **Redis**. Strong background in designing **RESTful APIs**, implementing message queues, and optimizing system performance at scale. Combines solid software engineering fundamentals with practical expertise in building reliable, maintainable, and highly available backend infrastructure.

Technical Skills

Category	Technologies
Languages	Go, Python, Bash, SQL
Frameworks & Libraries	Gin, Echo, gRPC, GORM, Fiber
API Design	RESTful APIs, gRPC, OpenAPI/Swagger, API Gateway Patterns
Databases	PostgreSQL, MySQL, Redis, MongoDB, Database Optimization, Query Tuning
Message Queues & Streaming	Kafka, RabbitMQ, Apache Pulsar, Event-Driven Architecture
Containerization & Orchestration	Docker, Docker Compose, Kubernetes, Container Networking

DevOps & Tools	Git, CI/CD Pipelines, GitHub Actions, GitLab CI, Prometheus, Grafana, ELK Stack
Cloud Platforms	AWS (EC2, RDS, S3, Lambda), Google Cloud Platform, Azure
Monitoring & Logging	Prometheus, Grafana, ELK Stack, Jaeger, Distributed Tracing
Other	Microservices Architecture, System Design, Load Balancing, Caching Strategies, Performance Optimization

Professional Experience

Senior Backend Engineer

Lonewolf Workforce, United States | 01/2022 to 12/2023

- Architected and developed high-performance microservices using **Go** and **Gin** framework, handling millions of requests per day with sub-100ms latency.

- Designed and implemented **RESTful APIs** with comprehensive error handling, rate limiting, and authentication mechanisms, following OpenAPI specifications.

- Built event-driven systems using **Kafka** for real-time data processing and inter-service communication, ensuring reliable message delivery and ordering.

- Optimized **PostgreSQL** queries and database schemas, reducing query execution time by 40% and improving overall system throughput.

- Implemented distributed caching using **Redis** for session management and frequently accessed data, reducing database load by 50%.

- Containerized applications using **Docker** and orchestrated deployments with **Kubernetes**, enabling seamless scaling and zero-downtime deployments.

- Established comprehensive monitoring and observability using **Prometheus** and **Grafana**, enabling proactive issue detection and performance optimization.

- Collaborated with frontend teams to define API contracts and ensure seamless integration across the platform.

Backend Engineer (Distributed Systems)

National Group Ltd, New Zealand | 02/2024 to 11/2024

- Developed scalable backend services using **Go** and **Echo** framework for handling high-concurrency workloads.
- Implemented **gRPC** services for inter-service communication, achieving 10x faster performance compared to REST APIs for internal service calls.
- Designed and implemented message queue systems using **Kafka** and **RabbitMQ** for asynchronous task processing and event streaming.
- Built data pipelines for real-time analytics using **Kafka** consumers, processing and aggregating large volumes of data efficiently.
- Implemented comprehensive logging and tracing using **ELK Stack** and **Jaeger**, enabling rapid debugging and performance analysis.
- Optimized API response times through caching strategies, database indexing, and query optimization.
- Participated in on-call rotation, diagnosing and resolving production issues with minimal downtime.

Backend Developer

Ibex, United States | 08/2019 to 10/2021

- Developed backend services using **Go** for internal automation and data processing systems.
- Designed and implemented **RESTful APIs** for various business domains, ensuring consistency and maintainability.
- Managed **PostgreSQL** databases, including schema design, migrations, and performance tuning.
- Implemented background job processing using message queues, enabling asynchronous task execution.
- Containerized applications using **Docker**, simplifying deployment and environment consistency.
- Collaborated with cross-functional teams to gather requirements and deliver robust backend solutions.

Junior Backend Developer

United Wholesale Mortgage, United States | 03/2021 to 10/2021

- Contributed to backend service development using **Go**, focusing on code quality and best practices.

- Assisted in designing **RESTful API** endpoints and implementing business logic.

- Participated in code reviews and learned from senior engineers on system design and optimization techniques.

- Supported database maintenance and optimization tasks under supervision.

Education

Bachelor of Science in Computer and Information Sciences

De La Salle University

Certifications & Continuous Learning

- Proficient in system design principles and microservices architecture patterns

- Active contributor to open-source Go projects

- Regular participant in backend engineering communities and technical discussions

Hobbies

Playing chess—a great way to unwind, destress, and keep the mind sharp while developing strategic thinking skills.