

VIKALP G

Senior Backend Engineer | Golang Specialist

SUMMARY

Seasoned Backend Engineer with over 5 years of experience specializing in Golang, adept at constructing scalable microservices and REST APIs. Demonstrated expertise in concurrency patterns and system design, backed by a strong computer science foundation with a B.E. in Computers achieving a 9.18 CGPA. Proficient in a wide array of technologies, including Go 1.18+, Gin, gRPC, PostgreSQL, and AWS cloud services, complemented by a hands-on background in DevOps practices like Docker and Kubernetes. Significant contributions to projects like a facilities management platform, industrial data management system, and e-commerce platforms, showcasing skills in optimizing database performance and developing high-performance APIs with sub-100ms response times. Embraces agile methodologies and has a proven ability to mentor other developers and lead technical initiatives.

TECHNICAL SKILLS

Main Technical Skills	Go, Observer, Kotlin Coroutines, Django Channels, MS SQL Server Management Studio
Programming Languages	Go
UI Frameworks, Libraries, and Browsers	Ant Design
Mobile Frameworks and Libraries	Crashlytics, Kotlin Coroutines
Python Libraries and Tools	Django Channels
JavaScript Frameworks	React
JavaScript Libraries and Tools	RequireJS
Databases & Management Systems / ORM	HDFS, MongoDB, MS SQL Server Management Studio, MySQL, PostgreSQL, Redis
Industry Domain Experience	Banking



Methodologies, Paradigms and Patterns	Agile, Architecture and Design Patterns, FDD, Observer
Version Control	BitBucket, Git, Github Actions
Deployment, CI/CD & Administration	GitLab CI
Collaboration, Task & Issue Tracking	Jira
Soft Skills	Mentor Aptitude
Third Party Tools / IDEs / SDK / Services	Microsoft Visual Studio Code
QA, Test Automation, Security	Postman
Project Management & Administration	Problem Solving
Mail / Network Protocols / Data transfer	WebRTC
Other Technical Skills	Caching, Enterprise Resource Planning, ERP, Optimism

WORK EXPERIENCE

Senior Backend Engineer / Golang Specialist, Facilities Management Platform

Summary:

- Architected and developed comprehensive facility management backend using Go and Gin framework that enables management companies to organize service requests, work orders, and vendor assignments with role-based access control
- Implemented complex permission hierarchies supporting multiple user roles such as Admin, Facility Manager, Vendor, Tenant, and deployed on AWS with optimized database queries for handling concurrent requests



Responsibilities: Backend architecture and development, implementation of permission hierarchies, database query optimization, deployment and maintenance.

Technologies: Golang, Gin, ReactJS, MongoDB, PostgreSQL, AWS

Senior Backend Engineer / Golang Specialist, PLC Alarm - Industrial Data Management System

Summary:

- Developed scalable backend service for managing industrial semiconductor and circuit data with features like role-based access control, granular permissions, and multilingual support for 108 languages
- Additionally, optimized database queries for efficient data retrieval across large datasets



Responsibilities: Backend service development, implementation of access control and permissions, database optimization, multilingual support system.

Technologies: Golang, Gin, MongoDB, ReactJS

Senior Backend Engineer / Golang Specialist, Outfit E-Commerce Platform

Summary: Built robust backend services for an e-commerce platform that includes features such as product catalog management, shopping cart operations, checkout processing, order tracking, and production monitoring, while integrating with payment systems.

Responsibilities: Backend service development, API design, integration with payment systems, logging and production monitoring.

Technologies: Golang, Gin, ReactJS, MongoDB, AWS

Senior Backend Engineer / Golang Specialist, Scalable REST API Services

Summary:

Designed and implemented high-performance REST APIs capable of serving millions of requests efficiently, leveraging Go's concurrency patterns and goroutines

Implemented Redis caching to optimize database load and applied performance profiling to ensure fast response times

Responsibilities: REST API development, concurrency management, caching strategies, performance profiling and optimization.

Technologies: Golang, Gin, Echo, PostgreSQL, Redis

EDUCATION

- **B.E. (Computers)**

9.18 CGPA Gandhinagar Technological University

