

Vijayaraj

Golang developer

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📍 Bangalore

Summary

Total Experience: 3 years (Nov 2021 – Present) at **UST Global (Client: Intel) Backend Development Experience:** 2 years of hands-on experience in building scalable backend systems.

- **Proficient in Golang (Gin framework)** for high-performance web applications.
- **Experience with MySQL and MongoDB**, optimizing data storage and retrieval.
- **Skilled in designing RESTful APIs** for seamless integration.
- **Strong authentication & authorization expertise** using **JWT-based security**.
- **Knowledge of microservices architecture**, concurrency with **Goroutines**, and Docker-based containerization.

Education

BBA, from MR ARTS & SCIENCE COLLEGE, Thathanur Affiliated to Bharathidasan University, year of 2016-2019.

Skills

Programming Languages:

Golang

Software Development Tools:

VS code

Concurrency and Performance:

Utilizing Goroutines for Concurrent Execution.

API Development and Integration:

1. Designing and implementing RESTful APIs
2. Swagger open API

Version control

Git, Github

Data Structures and Algorithms:

Skilled in algorithmic problem-solving techniques, including dynamic programming.

Databases:

MySQL, MongoDB

Web Frameworks:

Gin And Knowledge of GRPC

Containerization:

Docker

Project

Inventory Management System

Project Overview:

Developed a **scalable Inventory Management System** using **Golang (Gin framework)**, **Docker**, and **MySQL** within a **microservices architecture**. The system efficiently tracks inventory, assigns items to users, and integrates **JWT-based authentication & authorization** for secure access. Optimized **database performance with MySQL indexing** for faster retrieval. Implemented.

Key Features:

- **Product & Order Management:** CRUD operations for inventory and orders with efficient data tracking.
- **User-Based Inventory Assignment:** Users can request inventory, and the system automatically assigns items with **email notifications**.
- **Authentication & Authorization:** Secure **JWT-based role management** for user access control.
- **Optimized Database Performance:** Implemented **MySQL indexing** to improve query speed.
- **Docker-Based Deployment:** Containerized services for scalability.
- **Concurrency Optimization:** Used **Goroutines** for background tasks like email notifications and inventory updates.
- **API Documentation:** Integrated **Swagger/Postman collections** for clear API references.
- CI/CD pipelines for automated deployment and seamless integration, ensuring a production-ready system.
- **Unit & Integration Testing:** Developed test cases using **Go's testing framework** to ensure production readiness.

Awards

18th June 2023

Go Design Patterns, Linked in

Languages

Tamil

English

Kannada

Declaration

I certify that all information provided is accurate and complete to the best of my knowledge.