Umesh Pawar

SOFTWARE DEVELOPER

Personal Details

8208709752
umeshpawarsde@gmail.com

Links

LinkedIn

Github

Skills

Golang

Node.js

React.js

Javascript

Typescript

TailwindCSS

PostgreSQL

Docker

Git

Redis

NGINX

Nuxt.js

Kafka/MQTT

Kubernetes

AWS

Professional Summary

Results-driven Software Developer with expertise in **Go**, **Node.js**, and modern JavaScript frameworks like **React.js** and **Vue.js**. Proven ability to build scalable web applications, optimize database performance with **PostgreSQL**, and leverage **Docker** for efficient deployments. Seeking to contribute to innovative projects in a dynamic development environment.

Employment History

Software Developer, Techorizon IT Services Pvt Ltd, Pune

01/2023 - 04/2025

- Architected and developed scalable microservices using **Go** and **Node.js**, integrating **Kafka** and **MQTT** for robust real-time data streaming and communication.
- Spearheaded the design and implementation of root-level authentication and authorization systems (JWT, RBAC), significantly enhancing application security.
- Optimized database performance and reliability across **PostgreSQL, MongoDB, and MySQL**, and integrated advanced features like payment gateways, caching, and logging systems.

Software Developer, Shaurya Technosoft Pvt. Ltd., Pune

05/2025 - Present

- Led the development of dynamic and responsive web applications using **React.js** and **Vue.js**, implementing state management with Redux for seamless user experiences.
- Designed and implemented key architectural components, ensuring scalable, high-performance software solutions, and resolved complex system bottlenecks.

Achievements

Hidden Gem annual award 2024-25

award for delivering superb results while hustling arround multiple products and multiple modules

Projects

IoT Data Ingestion & Processing Platform

This centralized and highly flexible IoT platform is designed for scalable collection and processing of diverse metric-based data from IoT devices. It handles high-throughput data streams, ensuring robust ingestion, processing, and storage.

Key Contributions:

- Developed the **IoT Ingest Service** to securely collect real-time data from various IoT devices via **MQTT**.
- Engineered the seamless flow of ingested data through **Kafka**, ensuring reliable and fault-tolerant data queuing.
- Built the **IoT Process Service** for real-time data transformation, analysis, and routing, handling diverse metric types.
- Implemented the **Write Service** for persistent storage of processed data, ensuring data integrity and accessibility for downstream applications.
- Designed the architecture for flexibility, allowing integration of new device types and metrics without significant system overhaul.

Centralized Accounting System (Backend)

This comprehensive backend system acts as the core engine for a robust accounting solution, similar to the foundational logic of popular accounting software. It provides a flexible and scalable framework for managing diverse financial transactions and account operations.

Key Contributions:

- Designed and implemented the core financial ledger and transaction processing modules, ensuring ACID compliance and data integrity.
- Developed robust APIs for managing accounts, ledgers, vouchers, and financial reports, supporting a wide range of accounting operations.
- Integrated various accounting principles and rules, enabling flexible configuration for different business needs.
- Ensured high performance and scalability for concurrent transactions and large datasets, critical for enterprise-level accounting.
- Implemented comprehensive audit trails and error handling mechanisms to maintain data accuracy and system reliability.

Education

Masters in Computer Science, Dr. Babasaheb Ambedkar Marathwada University

03/2023 - 05/2025

Bachelors in Computer Science, Dr. Babasaheb Ambedkar Marathwada University

06/2020 - 05/2023

CGPA : 8.7