

Omkar Kamble

Mumbai, Maharashtra | omkarkamble1235@gmail.com | +91 8104561330 | [Portfolio](#)

linkedin.com/in/omkarkamble1 | github.com/OmkarKamble1

Summary

Technical Lead with 2+ years experience building scalable backend systems from scratch at startup. Led 3-person engineering team while architecting and developing backend infrastructure across 4 production servers using **Golang**, **Node.js**, **PostgreSQL**, and **MongoDB**. Skilled in API design, performance optimization, unit testing, and delivering production-ready solutions in agile environments.

Technical Skills

Frontend: React.js, Next.js, Redux, JavaScript, TypeScript, Tailwind CSS

Backend: Golang, Node.js, Express.js, REST API, Solidity, JAVA

Database: PostgreSQL, MongoDB, Redis

Tools & Libraries: Git, GitLab, ESLint

Practices: Performance tuning, Unit testing, Scalable architecture design, Infrastructure planning and deployment

Soft Skills: Collaboration, Adaptability, Critical Thinking, Problem-Solving

Projects

uLink

[Live](#) [Github](#)

- Built a URL shortener with analytics for clicks, city, state, country, and last access
- Designed backend APIs and data models using Next.js, Node.js, and PostgreSQL

RFID-Based Attendance System

[Github](#)

- Engineered full-stack RFID attendance system (Node.js/React/Arduino) with lecture scheduling, role-based access, and real-time tracking with duplicate scan prevention
- Developed REST APIs + React UI for attendance reporting with offline-first architecture ensuring 100% data integrity during network failures at 200+ concurrent sessions

Experience

Core Team Member, Team Lead & Backend Developer, Openleaf

Jun 2024 – Current

- Led end-to-end development of B2B quick commerce logistics product (delivered in 6 months), designing 4 Go microservices handling order processing, AI document extraction (POs/GRNs/invoices at 99.99% accuracy, 0% missing docs), notifications, and shipment tracking; integrated 10+ carriers/ERPs including Zepto and Blinkit with zero data loss at 10K+ daily transactions
- Architected notification system using Go, SQS and pub-sub pattern delivering 50K+ daily WhatsApp/email alerts with 99.9% reliability through auto-scaling queue workers during traffic spikes
- Scaled Shopify webhook processing by building Go server with SQS queues and retry mechanisms, eliminating order loss during peak loads (5K+ requests/minute) while ensuring 100% order capture
- Migrated legacy Node.js tracking system to Go using EventBridge scheduling and SQS buffering, increasing active order capacity from 100K to 10M+ (100x growth) while maintaining 99.9% uptime
- Engineered AI document processing pipeline in Go that eliminated manual verification for 100% of B2B logistics transactions through 99.99% accurate PO/GRN/invoice parsing with zero missing documents at scale

Full Stack Developer Intern, Openleaf

Feb 2023 – Jun 2023

- Integrated marketplaces and WMS (WooCommerce, Shopify fixes, EasyEcom, Unicommerce) to automate and stabilize order ingestion.
- Integrated multiple carriers (Delhivery, Ekart, FedEx, NimbusPost, Porter, etc.) and added user-level multi-account support to scale shipping options and automate courier selection.
- Designed and implemented a dynamic rule-based order-creation engine (Redis + PostgreSQL + decision trees) to pick carriers by invoice value, location, rates, and percentage distribution.
- Converted multiple static functions into dynamic, configurable services, including shipping label PDF templates, making workflows more flexible and user-driven.
- Built a subscription-based franchise workflow and a Golang microservice for label generation (\approx 80% faster) with WebSocket live progress for bulk order processing.

Education

University of Mumbai, BE in Information Technology

Jun 2020 – May 2024

- CGPA: 8.63/10.0

Ramnarain Ruia College (Mumbai), Senior Secondary - Science

Feb 2018 – Mar 2020

- Result: 72.15%