

Shantanu Bhusari

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EXPERIENCE

Backend Engineer

Jan 2024 – Feb 2026

Leifi Media

Remote, India

- Architected **38+** **microservices** across **2 e-commerce platforms** and **1 fintech platform**, implementing product catalog, cart, payment, order, inventory, and delivery services using **Go Fiber v2**, **gRPC** with **Protocol Buffers**, and **event-driven architecture**.
- Built **15+** **AWS Lambda** functions for inventory synchronization, geolocation-based shop discovery, pricing calculations, bulk order processing, media transcoding, and loan application workflows.
- Designed event-driven architecture using **AWS SQS** for order processing, payment verification, inventory updates, and multi-channel notifications (**AWS SES, WhatsApp**).

Backend Engineer

Apr 2023 – Jun 2024

Northern Agency

Remote, India

- Delivered **3 production SaaS** backends across automotive, fitness, and logistics domains using **Node.js**, **Express.js**, and **MongoDB** with multi-tenant and serverless architectures.
- Developed garage management REST API with 13 data models for job cards, inventory, and vendors; integrated **AWS S3**, **Puppeteer** for PDF generation, and OTP authentication via SMS/email.
- Engineered serverless logistics platform on **AWS Lambda** using Serverless Framework for trip tracking and billing with optimized MongoDB queries achieving **sub-10-second** execution.

PROJECTS

GistClips — AI Research Platform | *Golang, Python, AWS, MongoDB, Redis, Google APIs, Next.js*

- Developed YouTube research tool with **Go** API gateway and **Python** workers for AI-powered transcript analysis using **Google Generative AI** and vector database for semantic search.
- Orchestrated async processing pipeline with **AWS SQS** and **Lambda** for video ingestion, integrated **Google OAuth** and **YouTube API** for playlist management.
- Deployed containerized service to **AWS ECR** with **Redis** bloom filters for deduplication, **MongoDB** for storage, and **Next.js** dashboard with Chrome extension.

BuzzConnect — Social Platform | *Golang, PostgreSQL, Redis, RabbitMQ, React, WebSocket, Docker*

[GitHub](#)

- Architected social media platform with 5 microservices (User, Tweet, Timeline, Relations, Notifications) using **Go Fiber**, **PostgreSQL**, and real-time **WebSocket** notifications.
- Engineered CDC pattern with **RabbitMQ** events updating **Redis** cache (sorted sets for feeds, hashes for counts) maintaining consistency with PostgreSQL.
- Optimized timeline service using **Redis** sorted sets for fast feed retrieval and **WebSocket** broadcasting for real-time follower updates.

TECHNICAL SKILLS

Languages: Python, Golang, TypeScript

Frameworks: FastAPI, Express.js, Hono.js, Go Fiber

Databases: MongoDB, Redis, PostgreSQL, RabbitMQ, Qdrant

Cloud: AWS (Lambda, S3, EC2, ECR, SQS, SNS, SES, EventBridge), Docker, GitHub Actions, Terraform

AI Tools: Langchain, OpenAI APIs, Gemini APIs, RAG pipelines

EDUCATION

Vishwakarma Institute of Technology

Pune, India

Bachelor of Technology in Electronics and Telecommunication

Jan. 2021 – May 2024

CGPA: 8.24

Pandit Bachhraj Junior College

Nagpur, India

Higher Secondary School Certificate

Aug. 2018 – July 2020

Percentage: 87.53%