

Sojitra Kartik

Backend Developer

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Education

B.E.

2021 – 2025

L.J.University

Ahmedabad

Professional Summary

Backend Developer with **1.5 years of experience** building scalable applications using **Node.js**, **Express.js**, **TypeScript**, and **gRPC microservices**. Proficient in **RESTful API design**, **MongoDB**, **SQL**, **Redis**, and **JWT-based authentication**. Experienced with **Docker**, **AWS**, **BullMQ**, and real-time systems using **Socket.IO**. Proven ability to **reduce server latency**, **automate workflows**, and deliver **production-ready features** in **Agile teams**.

Professional Experience

Backend Developer

Dec 2023 – present

Ninja Tech

Ahmedabad

- Architected and developed **RESTful APIs** and **gRPC-based microservices** using **Node.js** and **TypeScript** for scalable backend systems.
- Designed **MongoDB** and **SQL** schemas, improving data reliability and reducing query latency by **20%**.
- Implemented secure **JWT-based authentication** and integrated **Razorpay/Stripe** payment gateways with dynamic pricing, boosting user conversion by **10%**.
- Built **modular microservices** for order management and payments, reducing system latency by **25%** during peak load.
- Managed background tasks using **BullMQ** and **Redis**; automated order processing and notifications with **Node-cron**, ensuring **100% task uptime**.
- Deployed containerized services using **Docker** and **GitHub Actions CI/CD** on **AWS EC2**, achieving **99.9% uptime**.
- Enabled real-time notifications via **Socket.IO**, increasing user satisfaction by **15%**.
- Optimized API response time by **30%** through **Redis caching** and performance tuning.
- Ensured observability with **Winston** and **AWS CloudWatch** for proactive monitoring and rapid debugging.

Technical Projects

URL Shortener Service

URL ShortenerNode.js, Express, Passport.js (Google Sign-In), Redis, Docker, Swagger

- Built a secure and scalable **URL shortening service** with **custom alias support** and advanced analytics (**clicks, geolocation, device type**).
- Integrated **Google Sign-In** using **Passport.js** for seamless and secure login.
- Implemented **Redis caching** for fast URL resolution, significantly improving system performance.
- Added **rate limiting** to prevent abuse and maintain platform integrity under high traffic.
- Deployed via **Docker** and **AWS EC2** with **CI/CD pipelines**, ensuring high availability and scalability.
- Documented all endpoints using **Swagger**, streamlining API consumption for developers.

Chat App

Node.js, Express, MongoDB, React, Vite, Socket.IO, JWT, Tailwind CSS

- Developed a full-stack, **real-time chat application** supporting one-to-one and group messaging using **Socket.IO**.
- Implemented **JWT-based authentication** and session handling to secure all user actions.
- Built a **responsive UI** with **React** and **Tailwind CSS**, ensuring cross-device compatibility and speed.
- Added WebSocket features such as **typing indicators, live presence, and real-time message delivery**.
- Achieved **99.9% uptime** through efficient deployment and load-optimized architecture.

Skills

Languages: JavaScript, TypeScript, SQL




Backend Technologies: Node.js, Express.js, gRPC Microservices, RESTful APIs

Database: MongoDB, PostgreSQL, Redis, MySQL

Tools & Platforms: Docker, AWS, GitHub Actions, BullMQ, Node-cron, Swagger

other: JWT, Socket.IO, Rate Limiting, Nodemailer, CI/CD

Certificates

- Data Structures 
- Algorithmic Thinking 
- Introduction to Data Analytics 

Languages

Gujarati | Hindi | English