

LILA MODHAVADIYA

Full Stack Developer • Node.js • React.js • MongoDB
Surat, Gujarat, India | +91 8849060131 | lilamod6547@gmail.com
Portfolio | GitHub | LinkedIn

PROFILE SUMMARY

Full Stack Developer with 2+ years of experience designing and shipping scalable web applications on the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled in building RESTful APIs, authentication systems, and responsive, production-ready UIs. Experienced integrating third-party APIs, payment gateways, and eCommerce platforms, with a strong focus on clean code, performance, and cross-functional collaboration.

TECHNICAL SKILLS

Frontend: React.js, TypeScript, HTML5, CSS3
Backend: Node.js, Express.js, REST APIs, JWT, Socket.io
Databases: MongoDB, Mongoose, MySQL, Firebase
Tools & Deployment: Git, GitHub, Postman, VS Code, Vercel, Render, Netlify

WORK EXPERIENCE

Full Stack Developer — Rydot Infotech Jan 2024 – Present

- Developed and maintained RESTful APIs and backend services using Node.js and Express.js, powering multiple production applications.
- Integrated third-party APIs and payment gateways, and built webhook-based real-time event handling for eCommerce workflows.
- Built dynamic, responsive user interfaces with React.js and managed MongoDB data models to support scalable application growth.
- Collaborated with cross-functional teams using Git-based version control to plan, review, and ship features on schedule.

Key Projects:

- ENAYA BK: WhatsApp chatbot enabling doctor appointment, home visit, and lab test bookings with real-time scheduling and instant confirmations.
- INVENTO: Inventory management platform with stock tracking, warehouse management, real-time alerts, purchase orders, and analytics dashboards.
- Shopify Integration: Automated product sync and order-status updates via webhook-driven event handling, streamlining eCommerce operations.

PERSONAL PROJECTS

Wubble AI Studio (live demo) — AI-powered content generation platform

- Built with React, TypeScript, and generative AI APIs for real-time content creation; designed reusable, responsive UI components and optimized performance for production deployment on Vercel.

AI Research Assistant (RAG + LLM) — <https://rag-research-assistant-nine.vercel.app/>

Full-stack RAG application enabling users to upload documents and get AI-generated, citation-backed answers — built with React, FastAPI, FAISS, and Google Gemini; deployed across Vercel and Render.

- Built a full-stack RAG application (React/Vite frontend, Python/FastAPI backend) enabling users to upload PDF/DOCX/TXT documents and query them via natural language with cited, source-grounded answers.
- Implemented a document ingestion pipeline (text extraction, chunking, embedding) and a persistent FAISS vector store for semantic search across uploaded content.
- Designed a pluggable LLM/embedding provider architecture (Google Gemini, Anthropic Claude, OpenAI), enabling zero-cost operation via free-tier APIs.
- Deployed a production split-stack architecture: React on Vercel, FastAPI on Render, with CORS, environment-based config, and Dockerized self-hosting (Oracle Cloud) as an alternative path.
- Resolved production issues including dependency conflicts, memory-constrained deployment (512MB), multi-provider rate-limit handling, and cross-origin request configuration.

Ticket Management System (live demo) — Customer support backend

- Developed a scalable backend with Node.js, Express.js, and MongoDB, implementing JWT authentication, role-based access control, ticket tracking, and notifications with a modular architecture.

EDUCATION

M.Com — Master of Commerce

Percentage: 75%

2022

STRENGTHS & LANGUAGES

Strengths: Problem Solving, Team Collaboration, Quick Learner, Clean Code Practices, Time Management

Languages: English (Professional), Hindi (Fluent), Gujarati (Native)