

RAJ RIBADIYA

✉ ribadiyaraj18@gmail.com 📞 +91 9016325452 📍 Ahmedabad, Gujarat, India [🌐 LinkedIn](#) [🔗 Portfolio](#)

SUMMARY

Backend Engineer focused on building scalable systems, efficient APIs, and data-driven applications, with a solid understanding of fullstack development. Experienced in developing AI-powered features using modern applied AI techniques such as semantic search and intelligent data retrieval. Strong in system design, problem-solving, and turning complex requirements into reliable, production-ready solutions.

SKILLS

Backend development

Node.js, ExpressJs, NestJs, FastAPI

Frontend Development

React.js, Vite, Next.js, HTML, CSS, Javascript

Databases

MongoDB, PostgreSQL, MySQL

Applied AI Engineering

RAG, Vector Databases, LLMs, LangChain, LangGraph, Prompt Engineering, GenAI, AgenticAI, Docker

Languages

Javascript, Typescript, Java, Python, C, C++

Data Structures and Algorithms / Problem Solving

KEY PROJECTS

REPOLENS – AI CODEBASE ASSISTANT

02/2026 – 03/2026

- Built an AI-powered codebase assistant enabling developers to query and understand large repositories using natural language
- Implemented an end-to-end RAG pipeline (AST parsing → Gemini embeddings → vector search → contextual response generation) for accurate code insights
- Developed advanced code analysis features including entity extraction (ts-morph), relationship mapping, and Monaco-based interactive code navigation

Stack: Next.js | Node.js | MongoDB | Qdrant | Gemini API | LangChain | Monaco Editor

TWEETTUBE – BACKEND API SYSTEM (TWITTER + YOUTUBE FEATURES)

04/2024 – 07/2025

- Built a scalable backend platform combining Twitter- and YouTube-like features using REST APIs
- Implemented authentication, security controls, and optimized query handling
- Integrated media storage and tested endpoints for performance and reliability

Stack: Node.js | Express.js | MongoDB | Cloudinary | REST API

FULL-STACK REAL-TIME CHAT APPLICATION

03/2025 – 06/2025

- Developed a real-time chat application with messaging and media uploads using WebSockets
- Implemented authentication, user presence indicators, and profile management
- Built a responsive UI with 30+ customizable themes and deployed the application for production use

Stack: MongoDB | Express.js | React.js | Node.js | Cloudinary | WebSockets

EDUCATION

Bachelor of Engineering in Computer science

Gujarat Technological University - School of Engineering and Technology

07/2024 – Present | Ahmedabad, Gujarat

Focus: DBMS, DSA, OOP, OS, C Language, CN

CPI: 9.0

EXPERIENCE

WEB DEVELOPER AND DESIGNER INTERN

Oasis Infobyte

07/2025 – 08/2025

Ahmedabad, Gujarat, India

- Implemented features like authentication, pizza customization, and cart management.
- Integrated secure payment system with Razorpay.
- Optimized Admin Dashboard for orders, users, and products.
- Collaborated in a team environment to deliver full-stack solutions.

Stack: MongoDB | Express.js | React.js | Node.js | Cloudinary | Razorpay | REST APIs

CERTIFICATIONS

- Problem Solving through Programming in C (NPTEL | IIT Madras)
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate (Oracle)
- Oracle Cloud Infrastructure 2025 Certified Foundations Associate (Oracle)
- Completed DevOps Track in Google GenAI Academy 2.0 (Google)