RAJ RIBADIYA

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SUMMARY

Full-Stack MERN & NestJS Developer specializing in scalable backend architecture, secure authentication, and payment systems. Experienced in AI integration, notably building a custom VS Code debugging extension leveraging the Gemini API.

EDUCATION

Bachelor of Enginnering in Computer science

Gujarat Technological University – School of Engineering and Technology

July 2024 – Current | GPA: 8.9

Focus: DBMS, DSA, OOP, Problem Solving, C

SKILLS

MERN Stack (Node.js, React), NestJS, Next.js | Advanced JavaScript & TypeScript | DSA (Intermediate - Java) | Cloud (Beginner) | GenAI Basics

EXPERIENCE

WEB DEVELOPER AND DESIGNER INTERN
Oasis Infobyte | Ahmedabad, Gujarat, India
July 2025 – August 2025

- 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

KEY PROJECTS

CODEWHISPER – AI-POWERED VS CODE DEBUGGING ASSISTANT

August 2025

- Built a VS Code extension to detect code errors and send contextual error data to the Gemini API for debugging suggestions
- Designed prompt and error-parsing logic to generate concise fix explanations inside a custom VS Code webview
- Integrated MurfAI TTS to deliver voice-based explanations with selectable voices and narration styles
- Implemented an in-editor AI Q&A assistant and PDF export for saving and revisiting solutions

Stack: VS Code Extension API | JavaScript (Node.js) | Gemini API | MurfAI TTS | Axios | PDFKit

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TWEETTUBE – BACKEND API SYSTEM (TWITTER + YOUTUBE FEATURES)
April 2024 – July 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

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FULL-STACK REAL-TIME CHAT APPLICATION

March 2025 – June 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

CERTIFICATIONS

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

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