

Vatsal Tandel

✉ vatsaltandel48@gmail.com

☎ 9265282045

in vatsal-tandel-588034202

🔗 V-atz

EDUCATION

Babaria Institute of Technology, GTU

B.E. in Computer Science & Engineering - 8.38 CGPA

Sep 2020 - May 2024

SKILLS

- **Languages:** JavaScript, C++
- **Frontend:** React.js, Redux Toolkit, React Router, Context API, Tailwind CSS, MUI
- **Backend:** Node.js, Express.js, MongoDB, RESTful APIs, GraphQL, Authentication & Authorization, MVC Architecture, Appwrite
- **AI Development:** Prompt Engineering, AI Integration
- **Tools & Other Skills:** GitHub, Cloudinary, Postman, Socket.io, Docker, JWT, S3, DSA, OOP

WORK EXPERIENCE

Activetlife Services

Full Stack Developer (MERN)

April 2024 - July 2024

- Enhanced frontend and backend features for eCommerce, recruitment and hotel booking portals, improving functionality and user engagement.
- Diagnosed and resolved performance bottlenecks, optimizing code for faster, more efficient platform operation.
- Worked on full-stack development across multiple platforms, improving features, fixing bugs, and refining problem-solving skills.

PROJECTS

AI-Companion | React.js, Node.js, Groq API (LLaMA), Cloudinary, MongoDB, JWT

- AI-powered chatbot that simulates lifelike conversations with fictional and custom characters.
- Built with Groq API (LLaMA), Cloudinary for image uploads, and user authentication for secure access.
- Implemented prompt engineering for realistic replies, chat-based memory, character customization (traits, tone, temperature), and an immersive scene mode for roleplay.

AI-Powered Content Analysis Tool | React.js, Node.js, Express.js, TextRazor API

- A Chrome extension for extracting insights like topics, domains, and entities from any webpage.
- Features include real-time text selection, one-click page scan, and insights from the TextRazor API.
- Backend with Axios & RESTful APIs for routing and efficient data flow between TextRazor and frontend.

QRverse | React.js, Node.js, Express.js, Cloudinary, qrcode.react

- A next-gen QR generator that converts images, videos, audio, text, and URLs into stylish, custom QR codes.
- Features include six default QR styles, an intuitive UI, and fast, seamless user experience.
- Utilized Cloudinary for cloud storage, qrcode.react for QR generation, Multer for file handling, and Context API for state management.

Ecommerce Web App | Node.js, Express.js, React.js, MongoDB, Mail.js

- A user-friendly eCommerce app with automated email invoicing via Mail.js, improving customer experience.
- Utilized Redux for state management, RESTful APIs, and MongoDB aggregation for better performance.
- Enhanced scalability and performance for fast, responsive frontend and backend interactions.

CERTIFICATIONS

Problem Solving | HackerRank

Full Stack Web Development | Udemy