

VATSAL TANDEL



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LinkedIn



GitHub

Education

Babaria Institute of Technology, GTU, Gujarat

B Tech Computer Science - 8.38 CGPA

2020 – 2024

Vadodara, Gujarat

Divine Public School, Gujarat

GHSEB (Class XII)

2018 – 2020

Navsari, Gujarat

Skills

Languages: JavaScript, C++

Technologies/Frameworks: Node.js, React.js, MongoDB, Express.js

Other: Socket.io, REST APIs, Authentication, Data Structures and Algorithms, OOPS, Postman, Git

Projects

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

Mar'24

- Integrated Stripe Payment Gateway for secure and efficient transactions, improving the checkout experience.
- Implemented an automated email invoicing system to send detailed purchase confirmations to customers.
- Enhanced application performance and state management using Redux Toolkit; developed an Admin Panel for streamlined management.

Chat Application | Node.js, React.js, Socket.io, Authentication

Jan'24

- Developed real-time messaging capabilities with WebSocket protocols for instant communication.
- Implemented online status indicators using Socket.io and React Context for real-time presence updates.
- Ensured robust error handling on both client and server sides to maintain smooth operation.

URL Shortener | EJS, Node.js, MongoDB, JWT, MVC

Dec'23

- Implemented stateless authentication with JWT and built RESTful APIs for managing URL shortening services.
- Applied MVC architecture to structure the application efficiently, improving maintainability and scalability.
- Provided a high-performance, low-latency URL shortening solution.

Portfolio Website | React.js, Tailwind CSS

Oct'23

- Built a responsive and visually appealing portfolio website using React.js and Tailwind CSS.
- Integrated routing and middleware to enhance navigation and manage dynamic content effectively.
- Showcased development skills and projects through a modern, user-friendly interface.

Work Experience

Activetlife Services | Full Stack Developer Intern

Apr'24 – Jul'24

- Enhanced user interfaces and backend functionality for eCommerce and job recruitment portals, improving overall user experience.
- Identified and resolved performance issues and bugs, leading to more reliable and efficient portals.
- Gained hands-on experience and problem-solving skills in full stack development, contributing to diverse project tasks.

Certifications

Full Stack Web Development | Udemy

Problem Solving | HackerRank