

# Vatsal Tandel

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## EDUCATION

### Babaria Institute of Technology, GTU

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

Sep 2020 - May 2024

## SKILLS

- **Languages:** JavaScript, C++
- **Technologies/Frameworks:** Node.js, React.js, MongoDB, Express.js
- **Front-end:** Redux Toolkit, React Router, Context API, Tailwind CSS, MUI
- **Back-end:** REST APIs, Authentication & Authorization, JWT, MVC Architecture, Appwrite
- **Tools & Other Skills:** GitHub, Postman, Socket.io, S3, Data Structures and Algorithms, OOPs

## 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.
- Gained hands-on experience in full stack development, contributing to diverse project tasks and refining problem-solving skills.

## PROJECTS

### AI-Powered Content Analysis Tool | React, 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 advanced insights from the TextRazor API, all within a sleek and user-friendly UI.
- Backend with Axios & RESTful APIs for routing and efficient data flow between TextRazor and frontend.

### Blog-Social Media Web App | React.js, Appwrite, Tinymce Cloud

- A social media platform where users can upload, view and interact with posts.
- Integrated Appwrite for backend, Redux Toolkit for managing state and React Router for navigation.
- Utilized Tinymce Cloud for rich text editing, enabling image uploads and content editing. Integrated React Hook Form for efficient form handling and validation.

### 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, developed RESTful APIs with Express.js, and implemented indexing in MongoDB for better performance.
- Enhanced scalability and performance for fast, responsive frontend and backend interactions.

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

- A URL shortening service that converts long URLs into concise, shareable links.
- Applied MVC architecture with JWT authentication and authorization for secure, stateless sessions.
- Built for high performance and low latency, enhancing user experience and app efficiency.

## CERTIFICATIONS

Problem Solving | HackerRank

Full Stack Web Development | Udemy