

# Vatsal Tandel

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## EDUCATION

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### Babaria Institute of Technology, GTU

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

Sep 2020 - May 2024

## SKILLS

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- **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
- **Tools & Other Skills:** GitHub, Cloudinary, Postman, Socket.io, JWT, S3, Data Structures and Algorithms, OOP

## WORK EXPERIENCE

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### 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

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### 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 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.

### 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, 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

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Problem Solving | *HackerRank*

Full Stack Web Development | *Udemy*