VAIBHAV CHAUDHARI

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PROFESSIONAL SUMMARY

Results-oriented MERN Stack Developer with hands-on experience delivering production-ready apps and optimized backend systems. Known for improving API performance by up to 30% and enhancing system scalability. Eager to build impactful, high-availability solutions in dynamic tech environments.

EDUCATION

Bachelor of Technology in Information Technology, RTM University Nagpur   2024
Relevant Coursework: Data Structures, Algorithms, Web Development, Full Stack Development, Database Management Systems.

CGPA: 7.6

TECHNICAL SKILLS

Languages	JavaScript (ES6), Python, SQL
Frontend	React.js, Redux, Tailwind CSS, Bootstrap, Responsive UI/UX
Backend	Node.js, Express.js, RESTful API, Authentication (JWT, OAuth2), Middleware, MVC Architecture
Databases	MongoDB, Mongoose, MySQL, Microsoft SQL Server
Tools	Git, GitHub, Postman, Render, Vercel, NPM, Visual Studio Code
Concepts	API Integration, Error Handling, Version Control, State Management, Database Optimization

EXPERIENCE

Node.js Developer Intern   April 2025 – Present
Talentrise Technokrate Pvt. Ltd   *Nagpur*

- Engineered and optimized backend services for a live taxi booking platform using Node.js, Express.js, and MongoDB, improving server performance and scalability.
- Designed and implemented RESTful APIs for authentication, wallet transactions, and ride management, reducing API response time by 30%.
- Developed reusable middleware for request validation, error handling, and JWT-based authentication, cutting redundant code by 25%.
- Integrated Razorpay Payment Gateway for secure and reliable payment processing.
- Refactored database queries and indexing strategies, improving data retrieval efficiency by 20%.
- Collaborated with frontend developers to ensure seamless API integration and smooth data flow across the stack.
- Documented and tested APIs using Postman; maintained backend structure following MVC architecture principles for scalability and maintainability.

PROJECTS

Easy Shop — Full-Stack E-Commerce Platform (MERN)

- Developed an end-to-end eCommerce platform supporting user authentication, product management, and order tracking.
- Built secure payment flows with Razorpay API integration and backend order fulfillment logic in Express.js.
- Created dynamic admin, seller, and customer dashboards; implemented role-based access control (RBAC).
- Deployed on Render and integrated MongoDB Atlas, maintaining 99.9% uptime during beta testing.

- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Mongoose, Tailwind CSS, JWT, REST APIs

Wanderlust — Online Rental Booking Marketplace

- Built a full-stack rental web application enabling property listing, search, and booking with data persistence in MongoDB.

- Developed CRUD operations, form validation, and templating using EJS and Express.js.

- Achieved 98% Lighthouse responsiveness score by optimizing front-end assets and caching.

- **Tech Stack:** Node.js, Express.js, EJS, MongoDB, Bootstrap, REST APIs

- Live Demo

Joker App — React-based REST API Integration

- Built a React.js application integrating the JokeAPI to fetch and display dynamic content.

- Implemented React Hooks and state management for optimized re-renders, improving performance by 20

- Deployed on Vercel using CI/CD integration for automated builds.

- **Tech Stack:** React.js, CSS3, Fetch API, State Management

- Live Demo

CERTIFICATIONS

- **Full Stack Web Development** — Delta   Certificate

    - Completed intensive six-month program covering end-to-end web development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB

- **SQL Development** — Microsoft SQL Server   Certificate

    - 10-hour focused training on query optimization, indexing, joins, stored procedures, and database design principles

    - Gained practical skills in writing efficient queries and managing real-world databases