Omkar Yeske

Full Stack Developer

Enthusiastic Full Stack Developer specializing in the MERN stack with hands-on experience in building scalable web applications. Adept in frontend and backend development, RESTful API integration, state management using Redux, and database operations. Passionate about solving real-world problems through code and eager to work in fast-paced, collaborative environments. Proficient in Agile methodologies, Git version control, and cross-functional team communication.

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EDUCATION

B-TECH (COMPUTER SCIENCE & ENGINEERING)
DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY

08/2021 - 08/2025   *BAJAJNAGAR, CHH. SAMBHAJINAGR*

Courses
- COMPUTER SCIENCE AND ENGINEERING

HSC
Toshniwai College of Science

06/2019 - 06/2021

Courses
- General Science

PERSONAL PROJECTS

Smart Retail Marketplace (06/2024 - 07/2024)
- Designed and implemented a scalable e-commerce platform enabling multi-vendor product listings, real-time cart updates, and secure checkout.
- Built RESTful APIs with Express and used MongoDB for managing product, order, and user data, ensuring idempotency in payment processing to prevent double orders.
- Achieved a 25% improvement in order conversion rates through performance tuning and UX optimizations.
- Deployed the application on Vercel with CI/CD pipelines for fast delivery and bug-free releases.

Department of Administrative Reforms and Public Grievances – UI/UX Redesign (10/2024 - 12/2024)
- Led the redesign of a public-facing grievance redressal portal to improve accessibility and citizen engagement.
- Integrated dynamic dashboards with role-based views using Express and MongoDB.
- Resulted in a 35% increase in form completion rates and faster user navigation.
- Collaborated with 2 other developers and a designer to deliver the project within a 2-month deadline.

Hyperlocal Delivery Tracker (02/2025 - 03/2025)
- Developed a full-stack web application supporting restaurant listings, user orders, real-time order tracking, and secure authentication.
- Engineered a real-time communication system using WebSockets for order status updates and delivery tracking.
- Designed modular APIs supporting order history, vendor updates, and cart management with MongoDB and Mongoose ODM.
- Improved order success rate by 40% during peak load through concurrency-safe backend and caching strategies.
- Deployed the application using Vercel and Render with integrated monitoring through Postman collections.

TECHNICAL SKILLS

`C` `JAVASCRIPT` `HTML5` `CSS3` `BOOTSTRAP` `REACT.js` `REDUX.js` `NODE.js` `EXPRESS.js` `MONGODB` `MYSQL` `RESTfull API`

ACHIEVEMENTS

Startup Selected for Pre-Incubation at DBATU Incubation Center
Our team developed a startup idea selected for pre-incubation by DBATU's Incubation Center. It aimed to solve real-world problems through tech and innovation, earning recognition for its scalability and potential social impact.

CERTIFICATES

15-day Training on Entrepreneurship Development (06/2024 - 06/2024)
Learned how to grow a startup and work effectively within a team.

5-day Spring Boot Course by Tudip Technologies (08/2024 - 08/2024)
Gained foundational knowledge in Spring Boot, a popular Java framework for building web applications .

LANGUAGES

English
Professional Working Proficiency

Hindi
Full Professional Proficiency

Marathi
Full Professional Proficiency

INTERESTS

`Web Application Development`

`Exploring New Technologies`

`Open Source Contributions` `UI/UX Design`

`Startup Ecosystems and Innovation`