

Aditya Dubey

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TECHNICAL SKILLS

C++, SQL, MySQL, MongoDB, HTML, CSS, JavaScript, React.js, Node.js, MongoDB Atlas Git/GitHub

PROJECTS

Car Rental Web Application

Apr 2025 – May 2025

- Built a full-stack car rental website allowing users to book cars and owners to list vehicles for rent.
- Implemented secure authentication using JWT and encrypted user passwords with bcrypt to ensure safe login and data protection.
- Integrated ImageKit to handle car image uploads with CDN delivery for faster load times and optimized storage.
- Deployed the frontend on Vercel and backend on Netlify, connecting them using RESTful APIs for smooth data communication.
- Used MongoDB Atlas for storing user, car, and booking data, with role-based access for users and car owners.

ShopEZ: E-commerce Grocery Delivery

Jan 2025 – Feb 2025

- Architected a full-stack grocery Website with the help of MERN stack and TailwindCSS, enabling seamless product discovery and checkout for 20+ grocery items.
- Built secure login, cart synchronization, and basic order tracking with robust backend logic, ensuring consistent user experience across sessions.
- Set up Stripe integration for smooth, real-time payment processing and validated functionality with multiple successful test transactions.
- Developed 10+ RESTful API endpoints with Express.js and structured data models using Mongoose for efficient product, cart, and order handling.

MyFitness – MERN Stack Fitness Tracker

Apr 2024 – May 2024

- Built a full-stack fitness tracker using MongoDB, Express.js, React, and Node.js, enabling users to log and manage workouts with 98% input accuracy.
- Integrated JWT authentication and Redux, supporting secure logins and real-time state updates for over 30 test users.
- Designed a responsive and dynamic UI with React and styled-components, reducing bounce rate by 40% on mobile devices.
- Deployed client on Netlify and server on Render; resolved build issues and optimized loading time to under 1.2 seconds through CI/CD improvements.

CO-CURRICULAR/EXTRA-CURRICULAR

- Pre-finalist at Amazon Sambhav Hackathon 2024, showcasing creative problem-solving in a competitive tech environment.
- Certified MongoDB Associate DBA, demonstrating skills in NoSQL database administration and query optimization.
- Winner – VIT Chess League as part of Team Magnus, contributing to team strategy and performance.
- Arcade Club events, organizing strategic games to enhance focus, teamwork, and planning.
- Lead Bagpiper in school band, displaying leadership and involvement in cultural programs.

EDUCATION

VIT Bhopal University

B.Tech in Computer Science and Engineering – CGPA: 8.79

Bhopal

Nov 2022 – Present