Yadubir Jha

(+91) 6202383286 · yadubir12@gmail.com · Linkedin · Github · Leetcode · Website

---

PROJECTS

Feb'25   **CocoCode**

Developed an online coding platform, CocoCode, using the MERN stack, enabling users to practice coding, submit problems, and track progress, improving engagement for programming learners

- **Implemented** user authentication with JWT and email verification, **enhancing security and user account management**, leading to a **seamless onboarding process**.
- **Integrated** Judge0 API for real-time code execution and problem submissions, **allowing users to test and evaluate code efficiently**, improving platform usability.
- **Designed** a structured backend with role-based access control and middleware functions, **ensuring scalable and secure API interactions** for user and problem management.
- **Optimized** frontend performance using React.js and context management, **resulting in a smooth UI/UX experience** for coding and problem-solving.

May'24   **RIDE - RENTAL APP**

A mobile application which provides a convenient, efficient, and sustainable transportation solution for college campuses.

- Utilized **React Native** for frontend development, ensuring a seamless user experience across both iOS and Android platforms, with a decrease in platform-specific issues.
- Focused on creating a sustainable and user-friendly transportation solution tailored for college campus needs.
- Built efficient backend services with **ExpressJS**, implementing **RESTful APIs** to support seamless server-side functionality.
- Integrated MongoDB for robust data management, enhancing overall data processing and reliability.
- Developed and tested key functionalities, including user signup, reservation system, and personalized profiles, to cater to a smooth reservation experience for college campus riders.

Feb'24   **MY STICKY NOTES**

Created a web application that functions as a digital sticky note board, allowing users to create, drag, and drop notes anywhere on the screen for enhanced interactivity and convenience.

- Introduced drag-and-drop functionality for user notes, significantly enhancing user engagement and reducing note organization time.
- Built a robust backend with ExpressJS, supporting server operations and reliable API endpoints for smooth performance.
- Integrated **MongoDB** for optimized data management, ensuring efficient storage and retrieval of user notes.
- Enabled personalized note management with user-centric features like color-coded notes and flexible note resizing to enhance user productivity and customization.

EDUCATION

2022-2026   **VIT BHOPAL UNIVERSITY**   Madhya Pradesh, India

(expected)   ***Bachelor of Technology in Computer Science specialized in Cloud computing and automation | CGPA : 7.99***

- Relevant coursework : Computer Networks, Database Management and Systems, Object oriented programming
- Position of responsibility : Stats-O-Locked Club (Finance core team member)

OTHER

- Achievements : Finalist, Industry Conclave '24
- Technical Skills: Java, C++, Javascript, Python, React.js, Node.js, Express.js, API Integration, MongoDB, MySQL
- Tools : Amazon AWS, Terraform, Git, EC2, S3
- Certifications: HTML, CSS, and JavaScript for Web Developers (Coursera), Supervised Machine Learning: Regression and Classification (Coursera),
- Languages: English (fluent), Hindi (native)