ADITYA MISHRA

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Education

Oriental Institute of Science and Technology   **Bhopal, Madhya Pradesh**
B.Tech - Computer Science and Engineering - CGPA - 8.32   November 2020 – July 2024

Experience

Primebook - Floydwiz Technologies Private Limited   **Delhi, India**
Software Developer Intern − Website − *MERN Stack, Gemini*   October 2024 – March 2025

- **Spearheaded the development of PrimeHR – GenQ**, an **AI-powered** platform for generating role- and experience-based interview questionsvia **Gemini API**, reducing HR question preparation time by over **50%**.
- Integrated secure **REST APIs** to efficiently fetch and render question sets based on job roles, reducing manual effort by **60%** and improving process efficiency for recruitment teams.
- Crafted a responsive **accordion-based** interface that enhanced user navigation and raised engagement by **30%**, as reported in early user feedback.
- Developed a question-pinning feature that allowed bookmarking of key questions, leading to a **25%** improvement in interview readiness based on HR user testing.
- Implemented **JWT-based user authentication and authorization** mechanisms in web applications, applying industry best practices for security.
- Optimized frontend performance with code splitting and lazy loading, reducing initial **page load time by 20%** and significantly boosting responsiveness.
- Collaborated effectively with cross-functional team of **4+** developers and designers to ensure timely project delivery within resource constraints.

Projects

StudyNotion - An Ed-Tech Platform − Website − GitHub   **January 2025 – April 2025**

- Led **full-stack development** for an EdTech platform using the **MERN Stack**, enabling **1000+** users to securely browse, purchase, and consume courses.
- Secured user access for **500+** for students and instructors by integrating JWT for login flow and **bcrypt** for password encryption, improving platform security and reducing login-related issues by **40%**.
- Designed responsive front-end with **React.js** and **Tailwind CSS**, ensuring smooth UX across devices.
- Built a scalable **MongoDB** schema to store user data, course content, and transactional information with efficient data retrieval, improving API response times by **30%**.
- Integrated **Razorpay APIs** to support secure transactions, enabling seamless enrollment with a **100%** success rate in payment test cases.
- Enabled media upload and streaming via **Cloudinary**, reducing course video load time by **50%** and increasing instructor content upload efficiency.

Razorpay Clone − Website − GitHub   **July 2024 – August 2024**

- A responsive UI replica of the Razorpay payment gateway interface to demonstrate front-end development proficiency using modern styling tools.
- Crafted a clean and intuitive interface using **Tailwind CSS**, enabling rapid and consistent UI development.
- Designed a fully **responsive** layout to ensure optimal usability across **3+** device types (desktop, tablet, mobile).
- Emulated Razorpay's official UI with precision, maintaining pixel-perfect layout and design consistency.

Technical Skills

Languages: C++, Java, JavaScript, HTML, CSS, SQL
Framework/Library: React.js, Node.js, Express.js, Tailwind CSS
Coursework: Operating Systems, Database Management Systems
Tools/Technologies: JWT, MongoDB Atlas, Postman, REST APIs, Git/GitHub

Certifications

- Programming with JavaScript - Coursera
- Meta Front End Developer - Coursera
- IIT Bombay- An Introduction to programming in C++ - NPTEL