

Ankit Patle

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EDUCATION

Masters Of Computer Applications

Jabalpur Engineering College

GPA: 8.08

October 2022 – May 2024

Bachelors Of Computer Applications

Dr. Hari Singh Gaur University

GPA: 8.17

July 2019 – May 2022

EXPERIENCE

Full Stack Development Intern

March 2024 – August 2024

Dream Dev Infotech Pvt Ltd.

Remote

- Designed and **applied RESTful APIs in Node.js** achieving 95% code coverage and efficient communication and data exchange between clients and servers.
- Implemented **OPC communication** interface using Node.js with the **node-opcua** library to facilitate real-time data exchange between industrial systems.
- Built 10+ **UI/UX components using React.js, Redux, and JavaScript**, enhancing the user interface and experience for web applications.
- Implemented a user authentication system using **OAuth 2.0, Bcrypt, and MongoDB** for security access and management.

Software Development Intern (Backend)

November 2023 – January 2024

Small Fare Pvt Ltd.

Remote

- Developed a robust, scalable **QR code generation** feature using Node.js, **qrcode, crypto**, and JWT, with real-time analytics and expiry management.
- Worked on handling and processing **JSON data over HTTP** to improve the efficiency of data manipulation and retrieval in mobile applications.
- Worked on implementing and executing testing methodologies also followed the **TDD approach**, ensuring code quality and reducing bugs.

PROJECTS

Kisaan Mitra (SIH 2023)

GitHub

Tech Stack: Node.js, Express.js, React.js, MongoDB, Gemini AI, Socket.io, Tailwind CSS

- Developed an agricultural web application to bridge the gap between **farmers and experts**, providing a platform for selling and buying agricultural products.
- Implemented WebSocket using **Socket.io** for real-time chat functionality, enhancing live communication within the application.
- Integrated a **payment gateway (Paypal)** and implemented secure user **authentication and authorization using OAuth 2.0** to enhance the application's usability and security.

CodeFusion

GitHub

Tech Stack: Node.js, Express.js, React.js, Docker, Socket.IO

- Developed a real-time collaborative code editor using **Monaco Editor and Socket.IO**, enabling seamless simultaneous code editing and live updates for multiple users.
- Implemented support for **multiple programming languages**, allowing users to write, edit, and execute code in their preferred language with ease.
- Utilized **Docker** for real-time code execution, ensuring isolated environments for each room's code and scalable deployment to enhance system performance.

Naukri Job Automation

GitHub

Tech Stack: Node.js, Express.js, Puppeteer, EJS, Tailwind CSS

- Created a web app to apply for **up to 10 jobs automatically** posted on Naukri.
- Enabled over **25 students to streamline** their job application process on Naukri using this website.
- Facilitated over **250 job applications**, minimizing the time and effort students spent on the application process.

SKILLS

Programming Languages and Databases: C++, JavaScript, Java MySQL, MongoDB

Core Subjects: Object-Oriented Programming (OOPs), Operating System, Data Structures and Algorithms, DBMS

Frameworks & Technologies: Node.js, Express.js, React.js, Redux, EJS, Bootstrap, Tailwind CSS

Tools & Utilities: Docker, Postman, Git, GitHub, Visual Studio Code (VS Code)

ACHIEVEMENTS

- * Finalist in **Smart India Hackathon 2023** at the college level.
- * Secured a **top 9% ranking** on LeetCode by solving 200+ coding problems.

LeetCode