

# Pratik Raj

 [github.com/pratikraj315](https://github.com/pratikraj315)  +916204373114  [linkedin.com/in/pratik-raj](https://linkedin.com/in/pratik-raj)  [pratikraj2401@gmail.com](mailto:pratikraj2401@gmail.com)

## EDUCATION

**Chaibasa Engineering College, Chaibasa, Jharkhand**

2020-2024

*B.TECH. Computer Science and Engineering*

*CGPA: 8.47/10*

**D.A.V. Public School Hehal, Ranchi, Jharkhand**

June 2020

*Intermediate, PCM*

*PERCENTAGE: 84.2%*

## TECHNICAL SKILLS

**Languages:** C++, HTML, CSS, Javascript

**Frameworks/Tech:** React.JS, Express.JS, Node.JS, Github, Git, Clerk

**Databases:** MongoDB, Firebase, SQL (MySQL), Supabase

**CS Fundamentals:** Operating System, DBMS, OOPS, Data Structure and Algorithm,

## PROJECTS

**Invoice Generator** [View Project](#) | *ReactJS, Tailwind CSS, jsPDF, Headless UI, Git, VS Code*

- Built a web application for generating, managing, and downloading professional invoices.
- Utilized jsPDF to create downloadable PDF invoices and applied Headless UI for building accessible, interactive components.
- Incorporated dynamic data entry forms, enabling users to input and customize invoice details efficiently.

**Talk-A-Tive** [View Project](#) | *ReactJS, NodeJS, ExpressJS, Socket.io, JWT Tokens, Chakra-UI, Git, VS Code*

- Developed a real-time chat application with features such as one-on-one messaging, group chats, and typing status indicators.
- Implemented secure user authentication and session management using JWT tokens, ensuring data protection and privacy.
- Integrated Socket.io for real-time communication and MongoDB for data storage, improving performance and user experience.

**Gas Leakage Detector Robot (Academic Project)** | *C, Arduino Uno, GSM Module, NodeMCU, GPS Module*

- Developed an Arduino Uno-based robot designed to detect gas leakage and send warning messages via GSM module.
- Controlled the robot's movement using a NodeMCU WiFi module and provided live location updates through a GPS module.
- Enhanced safety by enabling real-time monitoring and immediate alerts to mobile numbers via SMS.

## EXPERIENCE

**Vibencode Pvt Ltd, Madhya Pradesh** | *Frontend Web Developer Intern*

Dec. 2023 – Mar. 2024

- Designed and developed responsive web applications using ReactJS, ensuring a seamless user experience across devices.
- Engineered robust API connections for three core web app modules, leveraging NodeJS to streamline data processing; resulted in a 25% reduction in server response times, enhancing overall application performance.
- Collaborated on a full-stack project, with a focus on frontend development using ReactJS and Tailwind CSS.

**Nathcorp Pvt Ltd, Jharkhand** | *Frontend Web Developer Intern*

May 2023 – July 2023

- Developed a website and admin panel from scratch using HTML, CSS, JavaScript, and ReactJS.
- Integrated APIs for various modules of the web app using NodeJS.
- Championed the creation of a unified communication protocol for 4 departments, leading to a 25% faster resolution of interdepartmental issues and fostering a culture of collaboration across teams.