

Prajjawal Agrawal

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EDUCATION

National Institute of Technology, Jamshedpur

MCA (C.G.P.A – 8.44)

MARWARI COLLEGE, RANCHI

BCA (C. G. P. A – 8.13)

Jamshedpur, Jharkhand, INDIA

August 2023 – till date

Ranchi, Jharkhand, INDIA

August 2019 - July 2022

TECHNICAL SKILLS

Programming Languages: C, C++, JavaScript, Java, MySQL

Web Development: Node.js, Express.js, React.js, Tailwind CSS, MongoDB, Socket.io

Tools & Technologies: Git, RESTful APIs, JWT

IT Constructs: Data Structures and Algorithms, OOPS, Operating System, DBMS, Networking

ACHIEVEMENTS

- **Codeforces (Rating: 1095)** – Solved **270+ problems**, demonstrating strong **algorithmic and problem-solving skills**.
- **CodeChef (2-Star, Max Rating: 1458)**.
- **HackerRank – 5 Stars** in C++, **4 Stars** in Problem Solving.
- **Coding Ninjas (Max Rating: 1860)** – Solved **120+ problems**, placing in the **top 23% coders** on the platform.

PROJECTS

DormEase | Simplifying student housing, one city at a time.

[Live](#) | [Source Code](#)

- Built a **web application** using React.js to help students find **PGs** and **flats** near colleges, including contact and rent details.
- Developed a **chat system**, reducing response time for student inquiries by **60%**.
- Designed a **responsive UI** for listing PGs and flats, improving student engagement by **40%**.

DataCove | Secure File Storage Web Application

[Live](#) | [Source Code](#)

- Designed and implemented a secure file storage platform using **Express.js** and **Tailwind CSS**, achieving **99.9%** data integrity during uploads.
- Engineered advanced file handling and robust security measures, improving user retention by **30%** due to the **responsive UI**.
- Deployed the application on Render, achieving **99.95%** uptime and supporting **50+** active users in the first month.

ChatsApp | Real-time Chat Application

[Live](#) | [Source Code](#)

- Built a real-time chat application using **React.js**, **Node.js**, and **Socket.IO** for seamless messaging between users.
- Implemented **JWT authentication** for secure user login and profile management.
- Deployed on Render with **MongoDB** for data storage and real-time updates.

LEADERSHIP

- Collaborated on content creation and design for SCA initiatives, contributing to a **30%** increase in event engagement.
- Spearheaded creative campaigns in SCSE, increasing member participation in workshops by **25%**.
- Coordinated alumni networking events, facilitating connections that led to **10+** internship opportunities for students.

EXPERIENCES

Worked as a Support Executive in ZOMATO.

- Resolved customer inquiries and complaints, achieving a **95%** satisfaction rating and reducing resolution time by **20%**.