

Mohit Raj

B.Tech – Computer Science & Engineering (AI & Data Science)
Indian Institute of Information Technology, Ranchi (2023–2027)
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Career Objective

Aspiring Frontend Developer with hands-on experience in building and deploying real-world web applications using React.js, Tailwind CSS, and REST APIs. Seeking a frontend internship opportunity to contribute to impactful products while learning in a fast-paced engineering environment.

Education

Indian Institute of Information Technology, Ranchi 2023 – 2027
B.Tech in Computer Science & Engineering (AI & Data Science)
CGPA: 7.6 (After 5th Semester) — SGPA: 8.4 (5th Semester)
Delhi Public School, Ranchi (CBSE)
Class XII: 94.2%

Experience

Mentored Internship Project – Frontend Developer Oct 2024 – Present
College Senior–Led Mentorship Program

- Built and deployed a production-ready frontend application using React.js and Tailwind CSS.
- Developed reusable UI components and responsive layouts for multiple user roles.
- Integrated frontend workflows with backend REST APIs for authentication and data handling.
- Followed Git-based collaboration and clean coding practices under 1:1 mentorship.

Projects

MealConnect – Food Donation Platform (Frontend)

Live Demo: mealconnectproject.vercel.app

- Developed responsive frontend for a food donation platform connecting restaurants with food banks.
- Built role-based dashboards with dynamic UI updates and real-time donation tracking workflows.
- Integrated authentication, registration, and donation tracking using backend REST APIs.
- Deployed the application on Vercel for public access.

Keeper App – Full Stack Note Application

- Built a full-stack note-taking application using React.js and Node.js.
- Implemented CRUD functionality using RESTful APIs.

AI-Based Agriculture System

- Developed ML models for crop rotation and irrigation prediction using Python and scikit-learn.
- Performed data preprocessing and model training for data-driven agricultural insights.

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS

Backend: Node.js, Express.js

Programming: Python, Java, C

Databases: SQL, MySQL

Tools: Git, GitHub, Postman, Power BI

Machine Learning: pandas, numpy, scikit-learn, regression, classification

Achievements

- Solved 170+ Data Structures and Algorithms problems on LeetCode.
- Top 3 percentile in JEE Mains 2023 (among 1.15 million candidates).
- Secured 94.2% in CBSE Class XII and 95.8% in Class X.
- Certificate of Merit – Indian Olympiad Qualifier in Mathematics (IOQM).

Relevant Coursework

Data Structures & Algorithms, Database Management Systems, Artificial Intelligence, Machine Learning, Probability & Statistics, Linear Algebra