

Rohit Kumar

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📁 Portfolio

Education

Indian Institute of Information Technology, Kancheepuram

B.Tech. in CSE with Major in AI

Aug 2023 – 2027

CGPA: 8.99

Skills

Languages: C++, C, Javascript, Python

Developer Tools: Git, Github, Postman, Hoppscotch, NPM

Frameworks/Libraries: React.js, Node.js, Express.js, Numpy, Pandas, scikit-learn

Cloud/Databases: AWS, MySQL, MongoDB, Cloudinary

Soft Skills: Problem Solving, Leadership, Team Work, Communication Skills, Time management

Projects

ConnectX — *Next.js, Express.js, MongoDB, Redux*



Developed a modern social media platform enabling users to share thoughts, engage in meaningful conversations, and build connections.

- **Designed and implemented** a full-stack social media platform using Next.js, React and MongoDB.
- **Developed key features** such as post sharing, real-time engagement, and profile customization.
- **Deployed on Vercel** for seamless access and optimized performance.

Recipe Management App — *C++ (Object-Oriented Programming)*



A console-based recipe management system for storing, searching, and organizing recipes efficiently.

- **Implemented OOP principles** in C++ to create a structured and maintainable application.
- **Used file handling** for storing and retrieving recipes efficiently.

RepoHub — *React.js, Express.js, MongoDB, AWS*



A repository management platform with Git functionalities, enabling seamless version control, collaboration, and cloud-based code storage.

- **Developed a full-stack platform** with authentication, issue tracking, and Git command execution.
- **Integrated a terminal-based Git workflow** for repo creation, commits, and pushing code to AWS S3.
- **Implemented a contribution heatmap** to visualize user activity and commit history.

AttendX — *React.js, Express.js, MongoDB, HTML5 QR, JWT*



A smart QR-based attendance management system for teachers and students with role-based access and real-time tracking.

- **Engineered a MERN-based web app** that enables teachers to generate secure, time and location-sensitive QR codes for attendance.
- **Implemented student-side scanning** using HTML5 QR Code API with location-based validation.
- **Designed a responsive UI** with React.js, ensuring seamless UX across devices.

Achievements

- **Solved 300+ DSA problems** across platforms like [Leetcode](#), codeforces, GFG, and CodeChef.
- **Qualified JEE Mains and JEE Advanced.**