Mohit Kumar

+919155969596 | kumarmohit12313@gmail.com | linkedin.com/in/kumarmohit12 | github.com/kumarmohit02

EDUCATION

National Institute of Technology, Trichy CGPA: 8.30
B.tech - Civil Engineering, Minor in CS *2022 – 2026*

G.K.P. College, Samastipur
Higher Secondary School

PROJECTS

Digital Voting Platform | *JavaScript, Node.js, Express.js, MongoDB, Postman* May 2024 – June 2024
- Engineered a robust and scalable **backend** infrastructure to manage core features of a voting application.
- Designed and managed **MongoDB schema**, implemented efficient **CRUD** operations for user data and votes.
- Employed **Postman** for thorough API testing, ensuring reliability, and developed automated endpoint tests.
- Implemented endpoints to retrieve candidate information and vote counts, ensuring transparency and accessibility.
- Protected sensitive API endpoints by requiring valid **JWT tokens**, enhancing overall security.

Weather App | *JavaScript, HTML, CSS* Jan 2024 – Feb 2024
- Developed a weather application that provides **real-time** weather updates for various locations globally.
- Displays the current weather conditions including temperature, humidity, wind speed, and weather description.
- Designed and implemented a user-friendly and visually appealing interface using **HTML and CSS**.
- Integrated with a weather **API** to fetch real-time weather data.
- Ensured fast loading times and smooth performance by optimizing code and minimizing API requests.

Hospital Management System | *JavaScript, React.js, Node.js, Express.js, MongoDB* June 2024 – July 2024
- Created a full-featured hospital management system using the **MERN** stack.
- Designed and implemented **APIs** for patient records appointments, billing, and staff management.
- Developed a dynamic, responsive **React** frontend, providing an intuitive user experience for staff and patients.
- Managed **MongoDB** operations to optimize storage and ensure fast retrieval of large datasets.
- Utilized **JSON Web Tokens** for secure authentication and authorization, safeguarding sensitive data and access.

ACHIEVEMENTS

- Collaborated with a team of peers to achieve 3rd place in the TransfiNITTe Hackathon organized by Pragyan.
- Partnered with a team to achieve a top 7 ranking in the TRINITT Hackathon, organized by ACM NIT Surathkal, Spider NIT Trichy, and CSEA NIT Warangal.
- Secured 673 rank among 1,00,000 candidates in a state-level test conducted by the Hindustan Olympiad of India.

TECHNICAL SKILLS

- **Languages**: C/C++, JavaScript, HTML, CSS
- **Tech Stack**: MongoDB, Express.js, React.js, Node.js
- **Developer Tools**: Git, GitHub, VS Code

COURSEWORK

- Data Structures Algorithms
- Database Management Systems

POSITION OF RESPONSIBILITY

- Manager, Events Team Pragyan
- Manager, Scient