

# MRITUNJAY RAI

Noida, Uttar Pradesh

☎ +91-9555967823

✉ [mritunjayrai102004@gmail.com](mailto:mritunjayrai102004@gmail.com)

📁 [Portfolio](#)

🌐 [mritunjay-rai-uf61](#)

🚗 [railav61](#)

## Education

**B.Tech - Computer Science and Engineering**

*ITS Engineering College CGPA - 8.1/10*

**September 2021 – July 2025**

*Greater Noida, Uttar-Pradesh*

## Technical Skills

**Languages:** C, C++, JavaScript, Typescript, Java, SQL.

**Technologies** HTML, CSS, Bootstrap, TailwindCSS, Next.js, React.js, Express.js, Node.js.

**Coursework:** DSA, Operating Systems, OOPs, Computer Networks, DBMS

**Database:** MongoDB, MySQL

**Familiarity with version control systems like Git**

## Experience

**Software Development Intern**

*Prutor@IITK*

**September 2024 – June 2025**

*Noida, Uttar-Pradesh*

- Developed and deployed MERN stack applications with 10+ third-party integrations, enhancing user experience by 30% through agile workflows.
- Optimized MongoDB and SQL queries with indexing, reducing data retrieval time and improving performance by 35%.
- Refactored backend architecture for sathee.prutor.ai, cutting load time by 25% and improving UX for 1000+ daily users.
- Collaborated with a cross-functional team, ensuring seamless integration of third-party services and optimizing workflows to enhance product delivery.

## Projects

**Customer Query Management System** [↗](#) | React.js, Node.js, Express.js, MongoDB

- Built and deployed a scalable query management system using React.js, Node.js, Express.js, and MongoDB, enabling 500+ users to submit queries, improving customer engagement by 40%.
- Designed a real-time dashboard with Redux for agents to manage 200+ queries daily, reducing response time by 25% and increasing agent efficiency by 30%.
- Optimized MongoDB database operations and API performance, achieving a 35% improvement in data retrieval speed.

**FundDonate – Donation Platform** [↗](#) | React.js, Node.js, Express.js, MongoDB, Stripe API

- Developed a full-stack donation platform using the MERN stack, integrating Stripe API for secure payment processing across 10+ dynamic frontend components.
- Engineered 15+ RESTful API endpoints with Express.js and Node.js to manage user authentication, donation records, and transaction history in real-time.
- Designed a responsive UI with React Three Fiber animations and Material UI, achieving 95%+ Lighthouse performance and accessibility scores.
- Optimized MongoDB Atlas queries, improving data retrieval efficiency by 35% during CRUD operations and ensuring scalable backend performance.

## CERTIFICATIONS

- Frontend Developer (React) - **Hackerrank** [↗](#)
- Java Basics - **Hackerrank** [↗](#)
- Node JS - Master the Fundamentals - **Scaler** [↗](#)

## ACHIEVEMENTS

- Solved 400+ DSA problems across platforms (LeetCode, GeeksforGeeks, CodeChef), enhancing coding and algorithmic skills.
- Earned the Problem Solver Bronze Badge on CodeChef for consistent problem-solving performance.
- Secured multiple badges on LeetCode by solving a wide range of algorithmic challenges, showcasing proficiency in data structures and algorithms.