

Harikesh Ranjan Sinha

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EDUCATION

College University Sept 2021 - June 2025
B.Tech Computer Science and Engineering Current GPA: 8.88
R.D Rajpal School (KG to 12th) 2008 - 2021
SSC: 84 Percent and HSC: 91.2 Percent

SKILLS

Languages: C/C++, Python, JavaScript/TypeScript, HTML/CSS, React JS, Node JS, Rust
Database: MongoDB, MySQL, PostgreSQL
Tools: Git/GitHub, VS Code, Jupyter Notebook
Frameworks: Express JS, Mongoose, Bootstrap, Tailwind

PROJECTS

- Event Organiser** | *MongoDB, React JS, Node JS, Express JS, HTML/CSS, Git, VS Code* Feb. 2024
- The application allows users to browse and register for upcoming events, providing a seamless and intuitive experience.
 - Leveraging modern web technologies, I implemented features for user authentication, event creation, and management, ensuring efficient event organization and attendee engagement.
 - Implements Express.js for handling server-side logic and API routes, facilitating seamless communication between the frontend and backend.
 - Utilizes React.js to design and implement a dynamic and responsive user interface, resulting in a 30% increase in user engagement and a 20% reduction in bounce rates.
- Blog App** | *MongoDB, React JS, Node JS, Express JS, HTML/CSS, Git, VS Code* Jan. 2024
- Offers a comprehensive platform for users to publish, read, and interact with blog posts.
 - Utilizes MongoDB as the database for storing blog content, ensuring scalability and flexibility.
 - Implements Express.js for handling server-side logic and API routes, facilitating seamless communication between the frontend and backend.
 - Employs React.js for frontend development, providing a dynamic and responsive user interface.
- Password Manager** | *Express JS, HTML/CSS, MongoDB, Git, VS Code* August 2023
- Offers a robust solution for securely storing and managing sensitive passwords.
 - Features a secure login procedure to ensure authorized access to stored passwords
 - Utilizes Express JS for efficient server-side logic and routing.
 - Incorporates MongoDB for reliable data storage, ensuring data integrity and scalability.

EXPERIENCE

- Centre for Railway Information Systems (CRIS)** | *Frontend Developer (Intern)* 05 June 2023 - 05 July 2023
- Spearheaded internal projects for Indian Railways, fostering hands-on experience in post-deployment website management.
 - Acquired expertise in bug resolution, achieving a 95% bug-fix success rate.
 - Executed live website updates, ensuring a seamless user experience post-deployment.
 - Enhanced backend website development skills, contributing to a 25% improvement in website performance.
- Directorate of Student Affairs (DSA)** | *Backend Developer* 30 August 2023 - Present
- Collaborated with mentors and a peer group, fostering skill growth and achieving a 25% increase in project productivity
 - My responsibilities include working on the backend systems for both my club's website and SRM University's cultural festival website.