

Rahul Singh

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

Invertis University – Bareilly, IndiaMay 2025

Bachelor of Technology (B.Tech)

Concentration: Computer Science and Engineering

Cumulative Percentage: 73%

Relevant Coursework: Data Structures and Algorithm, Database Management Systems (DBMS), Operating Systems, Computer Networks

TECHNICAL PROFICIENCIES

Frontend Development- HTML5, CSS3, JavaScript (ES6+) | React.js | Redux, Context API | Tailwind CSS

Backend Development- JavaScript (Node.js) | Express.js | MongoDB, Mongoose

DevOps & Tools - Git | GitHub | Deployment Tools : Vercel | Render

Programming Languages- C++:Advanced | JavaScript (ES6+): Advanced | Python :Intermediate

RELEVANT EXPERIENCE

Future Core InnovationsMay 2024 – Present

Frontend Developer Intern | Remote

- Enhanced Website Performance-** Improved the loading speed of the main organization's website by 40% through optimization techniques such as lazy loading, code splitting, and image compression.
- Responsive Design Implementation-** Redesigned the main organization's website to be fully responsive, ensuring optimal user experience across all devices, resulting in a 30% increase in mobile traffic.
- UI/UX Improvements-** Collaborated with the design team to revamp the website's user interface, leading to a 25% increase in user engagement and a 15% decrease in bounce rate
- Version Control Management:** Managed version control using Git, coordinating with the development team to streamline workflows and reduce conflicts by 15%.
- SEO Optimization:** Implemented SEO best practices, contributing to a 20% increase in organic search traffic.

RELEVANT PROJECT EXPERIENCE

MERN STACK REAL ESTATE WEB APPLICATION [\(Live Link\)](#)March 2024

Developed a dynamic real estate web application utilizing the MERN stack – MongoDB, Express.js, React, and Node.js

- Advanced Authentication:** Implemented JWT, Firebase, and Google OAuth for robust user authentication, ensuring secure and seamless access.
- Real-world CRUD Operations:** Mastered Create, Read, Update, and Delete operations for property listings using MongoDB, enhancing data management proficiency.
- User-friendly Features:** Enhanced user experience through intuitive functionalities like image uploads and property listing management, focusing on usability and accessibility.
- Advanced Search Functionality:** Implemented cutting-edge search features to facilitate efficient property search, prioritizing user satisfaction and engagement.
- Deployment :** Acquired deployment skills by deploying the app effortlessly for free using the 'render' platform, emphasizing practical deployment knowledge.

SCHOOL WEBSITE [\(Live Link\)](#)JUNE 2024

- Developed a responsive and dynamic school website using React for the frontend framework, enhancing user experience through interactive and engaging UI components.
- Utilized Tailwind CSS for designing a modern, responsive, and consistent user interface, significantly reducing development time with its utility-first CSS framework.
- Implemented **state management** with React hooks, optimizing the website’s performance and ensuring smooth user interactions.
- Deployed the application on a **cloud-based platform** Vercel ensuring high availability and responsiveness.