Ritik Kumar Singh

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Objective

Driven and detail-oriented Software Developer with hands-on experience in building full-stack applications, including an AI-integrated educational platform and a responsive OTT streaming website. Skilled in developing scalable frontend interfaces using React.js and designing robust backend architectures with Express.js and MongoDB. Adept at integrating APIs, managing data flow efficiently, and creating seamless user experiences across platforms. Passionate about clean code, performance optimization, and contributing to impactful, real-world digital solutions. Eager to join a forward-thinking team as a Software Development Intern to collaborate on innovative systems that prioritize scalability, usability, and performance.

Key Skills

- **Languages: C++, HTML, CSS, JavaScript, Java, Python, SQL**
- **Backend & Tools: Node.js, Express.js, REST APIs, Git, Postman**
- **Database: MongoDB, Firebase**

Selected Projects

Educational Platform   2025
React.JS, Express.JS, MongoDB   1 month

- Developed a full-stack educational platform to facilitate interactive learning experiences for students and educators.
- Implemented secure user authentication, course creation, and progress tracking features.
- Enabled content delivery through structured modules, quizzes, and real-time progress analytics.
- Designed a responsive and intuitive frontend using React.js, backed by a scalable RESTful API built with Express.js and MongoDB.
- Focused on delivering a smooth user experience with real-time data updates and dynamic content rendering.

OTT Website   2023
React.JS

                                                                           1 month
- Developed a responsive and interactive Over-The-Top (OTT) web platform for streaming video content.
- Implemented dynamic content browsing with category filters, featured sections, and media carousels.
- Built reusable UI components using React.js to ensure a scalable and maintainable codebase.
- Integrated video players, user navigation, and mock data to simulate a real-world streaming experience.
- Focused on delivering a modern, user-friendly interface with optimized performance across devices.

Education

Netaji Subhash Engineering College   Kolkata, India
B.Tech in Computer Science and Engineering   2026 | GPA: 8.2