

Rajat Baranwal

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SUMMARY

Full Stack Developer with expertise in ReactJS, NodeJS, and MongoDB. Proficient in building scalable web applications, with hands-on experience in both front-end and back-end technologies. Awarded 85% scholarship for academic excellence. Proven leadership and collaboration skills demonstrated through various academic and personal projects.

WORK EXPERIENCE

Frontend Development Intern at NIIT

03 June 2024 – 31 July 2024

Developed and optimized user interfaces for web applications, ensuring cross-browser compatibility and responsiveness. Collaborated with senior developers to improve website functionality and performance, achieving a 20% reduction in page load times. Utilized HTML, CSS, JavaScript, and React.js to implement interactive components and enhance user experience.

PROJECTS

- **MediQ (GitHub)**

Developed a full-stack hospital management solution using modern web technologies integrated with AI for optimizing hospital workflows. The solution includes modules for OPD queuing, bed availability tracking, patient admissions, medicine dispensation, blood availability, and inventory management. Designed to be scalable with potential for integration into a city-wide healthcare network.

- **Online Quiz System (GitHub)**

Built a full-featured online quiz system using XAMPP, demonstrating skills in PHP and database management. Used by over 50 students, achieving a 95% satisfaction rate based on feedback.

- **Student Database Management System (Group Project) (GitHub)**

Developed a comprehensive Student Database Management System using C++, designed to manage student records through operations such as creating, reading, updating, and deleting entries. The system featured user authentication and role-based access control to ensure data security and privacy. File handling techniques were utilized to enable persistent data storage, while modularized code ensured scalability and ease of maintenance.

- **React Projects:** [Password Generator](#), [Currency Converter](#), [Background Changer](#), [TOD0 App](#)

EDUCATION

2022 – 2026	Bachelor's Degree in Computer Science, SRM University, AP	(GPA: 8.00/10)
2021	Class 12th, NEB Board	(GPA: 3.57/4)
2019	Class 10th, NEB Board	(GPA: 3.4/4)

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, PHP
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap, ReactJS, JQuery, NodeJS, ExpressJS
- **Databases:** MongoDB, MySQL
- **Development Tools:** Git, GitHub, Visual Studio Code, XAMPP, Postman
- **Operating Systems:** Linux, Windows, MacOS

CERTIFICATIONS

- Google Cloud Skill Badges: Earned 15 badges in cloud computing and AI
- Building Your Leadership Skills – HEC Paris, Coursera
- Big Data Integration and Processing – UC San Diego, Coursera
- The Joy of Computing Using Python – IIT Madras

ACHIEVEMENTS

- **Gen AI Study Jam Campaign** – Enrolled in a program to gain hands-on experience with Google Cloud services, focusing on AI-powered tools and cloud infrastructure.
- **Internal Selection for SIH 2024** – Successfully selected in the first round at the college level internal hackathon for the Smart India Hackathon 2024.