RASHMI SINGH

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EDUCATION

Hindustan College of Science and Technology　**2021 − 2025**
Bachelor of Technology - Computer Science ; CGPA: 7.5　*Mathura, India*

TECHNICAL SKILLS

Languages: C, C++, Python, Java, JavaScript, SQL
Developer Tools: VS Code
Technologies/Frameworks: Linux, GitHub, ReactJS, Bootstrap, Tailwind, Flask
Other: Data Structure and Algorithm, Operating System, Database Management System, OOPs

PROJECTS

Prolearn Connect ↗ | Tech Stack: HTML, CSS, JS, Bootstrap, Flask, Excel, sqlite3

- Developed a learning platform providing over 100+ curated YouTube videos for AKTU college exams, GATE exams, and programming languages.
- Integrated a dynamic dashboard featuring a time score chart, enabling real-time tracking of student progress, improving performance monitoring by 30 percent.
- Implemented a community feature connecting 50+ alumni with students, fostering collaboration and guidance through shared insights and mentorship.
- Designed the platform's methodology for course selection, feedback mechanisms, and video curation, enhancing user experience and engagement by 40 percent. .

Netflix Clone ↗ | Tech Stack: React.js, HTML, CSS, JavaScript

Live Here ↗

- Built a Netflix clone using React.js, Firebase, and Axios, reducing loading times by 40 percent.
- Implemented a responsive UI with React's Context API, achieving 100 percent device compatibility..
- Integrated YouTube API for trailer playback, boosting user engagement by 35 percent.
- Optimized API handling, improving data fetching efficiency by 20 percent and ensuring smooth performance. .

Sorting Visualizer ↗ | HTML, CSS, JavaScript

Live Here ↗

- Created a sorting visualizer with animations for Bubble, Merge, Quick, and Insertion Sort.
- Designed a responsive interface with 100 percent cross-browser compatibility, ensuring seamless functionality on all devices.
- Implemented JavaScript logic for real-time sorting visualization, improving user comprehension by 40 percent
- Optimized performance, handling up to 10,000 elements with smooth animations.

CERTIFICATIONS

Tata Group [Certificate Link]　**August 2024**
Data Visualisation: Empowering Business with Effective Insights

- Framed business scenarios for data storytelling, selected and created appropriate visuals for datasets, and communicated insights to drive business decisions.

Walmart [Certificate Link]　**August 2024**
Software Engineer

- Implemented advanced data structures for optimized solutions, designed robust software architecture for scalable applications, and collaborated with cross-functional teams for smooth integration.

ACHIEVEMENTS

- 4 star coder on Hackerrank in C++
- Problem Solving
- Javascript