Rahul Sharma

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summary

A motivated BCA undergraduate with strong skills in Python, Java, React.js, and Node.js, along with practical experience in building web and software applications like a voice assistant and payroll system. Adept at applying core computer science concepts and committed to continuous learning and teamwork. Seeking an opportunity in software development to contribute to innovative projects while enhancing technical and professional skills.

Projects

Voice assistance | *React.js*
- Developed a browser-based voice assistant using ReactJS and Web Speech API to recognize voice commands and perform actions like search, navigation, and speech responses.
- Integrated real-time speech recognition and synthesis, enabling natural user interactions and dynamic updates based on voice inputs.
- Built a clean and responsive user interface using React Hooks for smooth and easy interaction.

Employee Payroll System | *Java(OOP)*
- Designed and implemented a payroll system using core Java principles, focusing on Object-Oriented Programming concepts like inheritance, encapsulation, and polymorphism.
- Ensured modular, maintainable code structure with proper class design and separation of concerns.
- Wrote clean and organized code to make the system easy to understand and update.

Technical Skills

Languages: Python, Java, HTML, CSS, JavaScript
Technologies: React.js , MySQL , Node.js
Concepts: Operating System , DBMS
Tools : Github , vscode
Soft Skills : Teamwork , Adaptability , Emotional Intelligence

Education

University of Engineering and management	Jaipur, Rajasthan
Bachelor of Computer Applications	2025

- **Relevant Coursework:** (Computer fundamentals,programming languages)

Certificates

- Employability skill job-ready virtual internship -EduSkills

- Software Design and Project Management - Coursera

- AI Data Scientist Training - AU Ignite Skills Centre

Hobbies and Personal Interests

Cricket Enthusiast: Enjoy both playing and watching the game, appreciate the strategy and teamwork involved.
Avid Reader : Interested in non-fiction, personal development that offer new perspectives.
Lifelong Learner : Frequently engage with articles, videos, and podcasts to stay updated and expand knowledge beyond academics.
Self-Improvement:Continuously seek personal growth through reading, reflection, and experimenting with productivity tools or new learning methods.