

Ruchi Kumari Singh

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SKILLS

• Languages:	Java, Python, SQL, JavaScript
• Backend & Web:	HTML, CSS, React.js, Node.js, REST APIs
• Cybersecurity:	Ethical Hacking, Network Security, Digital Forensics
• Databases:	MySQL, SQL Queries, MongoDB
• Tools:	Git, GitHub, Wireshark, Kali Linux, ChatGPT
• Soft Skills:	Problem Solving, Adaptability, Decision Making, Communication

PROJECTS

• AI-Based Resume Analyzer GitHub	Dec 2025 – Jan 2026
Automated resume analysis platform that evaluates skills, ATS compatibility, and job-role matching using NLP techniques.	
• Developed a scalable backend using Node.js to handle resume uploads, processing, and analysis APIs	
• Implemented dashboard and real-time improvement suggestions to enhance user experience	
• Reduced manual resume screening time by approximately 40% through automated scoring and insights	
Tech: React.js, Node.js, Python(NLP), MongoDB, REST APIs	
• BlogNest – Full-Stack Blogging Platform GitHub	Jul 2025 – Aug 2025
Developed a responsive blogging web application allowing users to create, edit and read blog posts.	
• Implemented user authentication and CRUD functionality for blogs using React.js and MongoDB	
• Designed clean and responsive UI using HTML and CSS for better readability and user experience	
• Enabled dynamic content rendering and data storage with seamless frontend-database integration	
Tech: HTML, CSS, React.js, MongoDB, REST APIs	
• Secure Chat System with End-to-End Encryption GitHub	Oct 2024 – Nov 2024
Built a secure messaging application implementing end-to-end encryption to ensure complete message confidentiality.	
• Implemented AES-256 and RSA/ECC-based encryption with no server-side access to plaintext data	
• Integrated ChatGPT for local, post-decryption AI features such as message summarization and sentiment analysis	
• Ensured all AI processing occurred locally after decryption to maintain user privacy and data security	
Tech: Python, Cryptography, OpenAI API, E2EE	

CERTIFICATIONS

• Introduction to Cyber Security – CISCO Certificate	Apr 2025
• Digital Forensics & Incident Response – EC.Council Certificate	Nov 2024
• Cloud Computing – NPTEL Certificate	Oct 2024
• Programming using JAVA – CipherSchools Certificate	Jul 2024

ACHIEVEMENTS

• 2nd Runner-up at Spectra Fashion Show	Jan 2025
Earned the second runner-up title in Spectra, A university level fashion event recognized for elegance, confidence and unique presentation style on stage	
• Top Performer at Binary Blitz Web Hackathon	Mar 2024
Demonstrated exceptional skills in web development and design, contributing significantly to the team's innovative solutions and overall success.	

EDUCATION

• Lovely Professional University Bachelor of Technology – Computer Science and Engineering	Phagwara, Punjab Aug 2022 – Present
• Paramount Academy School Intermediate (CBSE) Percentage: 67%	Muzaffarpur, Bihar Apr 2019 – Mar 2021
• DAV Public School Matriculation (CBSE) Percentage: 78%	Muzaffarpur, Bihar Mar 2019