

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