Ruchi Kumari Singh

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SKILLS

- **Languages**:   C++, Java, C, Python
- **Frameworks**:   HTML and CSS
- **Tools/Platforms**:   Kali Linux , MySQL
- **Soft Skills**:   Problem-Solving Skills, Team Player, Project Management, Adaptability

INTERNSHIP

- **Community Development Project**   June 2023 – July 2023
  NGO internship
  - **About**: Studying community issues like education , health or environment .organizing awareness campaigns , workshops and public events , assisting in raising funds for community programs.

- **Outlier. Ai**   Sept 2024 – Jan 2025
  Freelancer
  - **Project Overview**: Re-developed a variety of technologies to support its operations. Tech stack includes analytics tools, IT infrastructure , Javascript, performance enhancements , programming languages, visualization software.
    become agents and further offer mobile rechargeservices.
  - **Tech stacks used**: OpenAI prompt , Google ADS conversion Tracking

PROJECTS

Password Strength Checker   January 2025
- Created a tool that checks the strength of a password based on length, special characters, and randomness and give a strength score (weak, moderate , strong) using HTML, CSS , Backend by using tools like Shannon entropy to measure randomness.
- Tech : security and validation tools , frontend, MongoDB, MySQl, Javascript

Hotel Management Website   March 2023
- Created a hotel management website using HTML , CSS, and JavaScript programming .
- Through this website we can easily book rooms ,checking in and checking out .
- TECH : Development Tool, Database & Backend , Hosting & Deployment

CERTIFICATES

- Complete Cloud Computing :- NPTEL Programming   3 months
- Complete Java Programming in summer training   2 months
- Community Development Certification from Shubham vikalang NGO   2 months

ACHIEVEMENT

- **Secured 6rd rank in the Hackathon Cyber Security ethical Hackin**:   January 2025
  Participated and ranked 6rd in the Hackathon organized by IIT Roorkee

- **Certified ETHICAL HACKING**   December 2024
  Among 2k participants in CEH training Course.

- **Received medal In Fashion Show**   November 2024
  For exceptional performance in SPECTRA

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 6.43   *Since August 2022*

- **Paramount Academy School**   Muzaffarpur , Bihar
  Intermediate; Percentage: 82%   *April 2019 - March 2021*

- **Dav Public School**   Muzaffarpur , Bihar
  Matriculation; Percentage: 91%   *April 2008 - March 2019*