Ratanmani Singh

Siwan, Bihar, 841287

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Technical Skills

Languages: JavaScript, python

Technologies/Frameworks: HTML, CSS, Git, Github

Tools: Microsoft Word, Excel, PowerPoint

Soft Skills: Problem-Solving Skill, Adaptability, Team Player

Projects

Portfolio Website / HTML, CSS, JavaScript   **Nov 2025**

- **Developed a responsive personal portfolio website** to showcase projects, skills, achievements, and Experience with a professional UI design.
- **Built with modern front-end technologies (HTML, CSS, JavaScript)** ensuring smooth navigation and Enhanced user experience across all devices.
- **Implemented interactive sections like projects and contact form**, enabling visitors to easily explore my work and reach out.

RFID- Access Control and Identification System / Arduino, Protious   **Oct 2025 - Nov 2025**

- Designed **and developed an RFID-based access control system** using microcontroller to authenticate Users and enable secure entry management.
- Integrated **RFID reader with unique ID recognition** and automated logging of access events for real-time monitoring.
- **Implemented communication between hardware and database/LCD display** to show access status (Authorized/Unauthorized)

Dice Rolling Game / *Python*   **Oct 2025**

- **Built a terminal-based dice game in Python** that simulates real dice behavior using random number generation.
- **Implemented core programming concepts** including loops, conditional statements, and functions to manage the game flow.
- **Designed interactive terminal prompts** allowing users to roll the dice multiple times and instantly view the results.
- **Ensured smooth user experience** with input validation and replay functionality.

Certifications

Python Course for Beginners (*SCALER)*   **Sep 2025 - Nov 2025**

- Completed a foundational Python programming course from Scaler, covering essential syntax,data types, and control structures.
- Gained hands-on experience in writing Python programs, using loops, functions, and conditional logic to solve real-world problems.
- Practiced beginner-friendly projects and coding exercises, improving problem-solving and logical thinking skills.

Indian Laws: Know your Right (*Learn foundation online*)   **Oct 2025**

- Completed a course on Indian legal rights focusing on constitutional rights, fundamental duties, and citizen protections.
- Gained awareness of essential legal provisions related to everyday life, including consumer rights, cyber laws, and women's safety laws.

Education

Lovely Professional University Punjab   **2025 – 2029**

Computer Science and Engineering   *Jalandhar, Punjab*

D.V.M Public School   **2022 – 2023**

10th with Science — Percentage: 81%   *Siwan, Bihar*

+2 UCCH VIDYALAYA Gahilapur   **2023 – 2025**

12th with Science — Percentage: 78%   *Gahilapur, Siwan, Bihar*