

Harshika Sharma

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Education

Bachelor Of Technology - Computer Science, <i>Vellore Institute Of Technology - Bhopal</i>	2023 – 2027 CGPA - 9.18
Senior Secondary, Sophia Senior Secondary School	2021 – 2022 88.2%
Secondary, Sophia Senior Secondary School	2019 – 2020 93.2%

Skills

Technical Skills

Programming Language - C++ , Java, Python
Web Dev - HTML,CSS ,JS
CS Fundamentals - DBMS , OOPS
Machine Learning

Foreign Language

Japanese

Projects

Donarlink:ML,HTML,CSS,JS

- Developed a **fingerprint-based blood group detection system** to simplify blood donation.
- Utilized **biometric recognition** to identify blood groups with accuracy.
- Implemented a **donor tracking system** to monitor contributions and lives saved.
- Designed a **secure database** to store donor and recipient information.
- Established a **donation policy**, ensuring blood replenishment through recipient family contributions.

Bhoomijal:HTML,CSS,JS

- Developed **Bhoomijal**, a system for **groundwater monitoring and conservation**.
- Implemented **real-time data analysis** to track water levels and depletion trends.
- Designed a **user-friendly interface** for easy access to groundwater insights.
- Focused on **sustainable water management** through data-driven solutions.

Certificates

- Python Programming
- Fundamentals of AIML
- OOPS IN C++
- Java Programming

Awards

Health Hackathon

Organised by Vit Bhopal & John Hopkins University

- Reached Final stage

Cyber Security Hackathon, Organised by Madhya Pradesh Police

- Secured third position