

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

- Frontend Development: React.js, React Native, HTML, CSS, JavaScript
- UI/UX Design: Figma, Responsive Web Design
- Programming: C++, Java, Python
- Mobile App Development: React Native (in progress) - Tools & Tech: Git, Firebase - CS
- Fundamentals: DBMS, OOPs

Foreign Language

Japanese

Projects

Donarlink:ML,HTML,CSS,JS,React.js

- Developed a **fingerprint-based blood group detection system** to simplify blood donation.
- Used **React.js** to build a dynamic and responsive front-end with clear navigation and minimal user steps for registration and 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
- NPTEL Machine Learning

Awards

Health Hackathon


Organised by Vit Bhopal & John Hopkins University

- Reached Final stage

Cyber Security Hackathon, *Organised by Madhya Pradesh Police*

- Secured third position

Additional Highlights

- Strong problem-solving and analytical skills.
- Excellent communication; experience in technical writing and team presentations.
- Currently pursuing B.tech  and actively contributing to team-based tech projects