

Aman Kumar Singh

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EDUCATION

VIT Bhopal University, Bhopal, Madhya Pradesh

BTech Expected May 2026
Major in Computer Science
Cumulative GPA: 8.28/10

12th Standard

Amarchand Singhvi International School, Kutch, Gujarat

CBSE Cumulative GPA: 8.5/10, May 2022

10th Standard

D.A.V Public School, Kutch, Gujarat

CBSE Cumulative GPA: 9.2/10, May 2020

TECHNICAL PROFICIENCIES

Programming Languages: Java, JavaScript

Frameworks & Libraries: Node.js, Express.js, React.js, Tailwind CSS

Web Development: Backend and Frontend Development (HTML, CSS, JavaScript, React)

Databases: SQL, Database Management Systems

Core Skills: Data Structures & Algorithms, Problem-Solving

Projects

Organ Donation Matching Method

- Developed a method to match the organ donors and recipients, thereby fastening the organ donation process.
- The method used a synthetic dataset, covering the donation process of four organs, Heart, Liver, Lungs and Pancreas.
- The plan is to display the method using a website, to make an effort to make the method accessible to common people.
- The method has the potential to change the landscape of the organ donation process in India.
- Technology Stack :- HTML, CSS, Node.js, Express.js, MySQL

ACHIEVEMENTS

- **Paper Presentation – MAI-2024 Conference**

Presented "*A Technological Approach to Enhancing Organ Donation*" at the 4th International Conference on Machine Vision and Augmented Intelligence (MAI-2024), MANIT Bhopal, showcasing a tech-driven framework using Node.js, Express.js, and SQL to optimize organ donation processes.