

# Aman Kumar Singh

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## EDUCATION

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**VIT Bhopal University**, Bhopal, Madhya Pradesh

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

### 12<sup>th</sup> Standard

**Amarchand Singhvi International School**, Kutch, Gujarat

CBSE Cumulative GPA: 8.5/10, May 2022

### 10<sup>th</sup> Standard

**D.A.V Public School**, Kutch, Gujarat

CBSE Cumulative GPA: 9.2/10, May 2020

## TECHNICAL PROFICIENCIES

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**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

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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

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- **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.