

# A.Sanjana Senapati

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## EDUCATION

### Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

8.75 CGPA

July 2021 - July 2025

## TECHNICAL SKILLS

**Languages:** Java, MySQL, HTML/CSS, JavaScript, Python, C++

**Software and Tools:** ReactJS, next js, NodeJS, Postman, Power BI, AWS

**Skills:** DBMS, Operating System, Computer Network, OOPs

## CERTIFICATIONS

### AWS Certified Solution Architect

AWS

10 July,2024

### Industrial IoT and Security

Coursera

17 February,2023

## PROJECTS

### Zesty | MERN Stack

August 2024 - September 2024

- <https://zesty.netlify.app/>
- Designed an admin panel for efficient order management, allowing administrators to update order statuses that reflect instantly on the user interface.
- Created RESTful APIs for menu management, order processing, and real-time status updates.
- Implemented user authentication using JSON Web Tokens, and integrated Stripe for secure payment processing.

### Blood Bank App | MERN Stack

May 2024 - June 2024

- Developed a full-stack Blood Bank Management System using the MERN stack (MongoDB, Express.js, React.js, Node.js) for efficient blood donation and distribution.
- Designed a user-friendly donor and recipient management system, streamlining blood requests and availability tracking.
- Implemented a secure authentication system with JWT, ensuring data privacy and secure access control.

### Personalized Medical Recommendations with AI | AI/ML Project

Novemver 2023 - March 2024

- Developed a system leveraging advanced machine learning models to predict diseases accurately based on user-input symptoms.
- Designed a user-friendly web application providing tailored recommendations for medicines, prescriptions, and workout routines while ensuring data privacy and security.
- Improved model accuracy and user engagement with feedback while creating a seamless HTML frontend and Used Python (Pandas, NumPy, Matplotlib, Seaborn) to analyze patient data and predict disease risks.

## EXTRA-CURRICULAR AND ACHIEVEMENTS

### Responsibilities |

- Core Member and Team Lead of the Management Team, Odia Club, VIT Bhopal (April 2023 - May 2024), coordinated cross-functional teams, resulting in a 33% increase in project efficiency, and implemented process improvements, decreasing operational costs by 15%.
- Core Member of the Technical Team, FinTech Club (January 2023 - April 2024), developed financial models and led blockchain workshops, improving club projects by 20% and member engagement by 30%.
- Achieved scholarships of 18,000 rupees and 10,000 rupees for outstanding performance in **8th NMMS** and **10th** board exam.

### Achievements |

- **Core Member Recognition:** Demonstrated strategic leadership and team facilitation skills to coordinate cross-functional teams, arising in a 33% increase in project efficiency.
- **Led Design Team:** Successfully managed major events with budgets over Rs 1 Lakh, earning accolades within the Odia Club, Year 2024.