

# SANJANA MITTAPALLY

Warangal, Telangana, India

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## Education

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### Btech - Indian Institute of Technology Dharwad

*Bachelor of Technology in Mechanical Engineering*

(pursuing minor in Computer science and Engineering)

CPI - 8.28

### Higher Secondary -Sri Chaitanya Junior College, Hyderabad

*Percentage - 98%*

### Secondary - Aryabhatta Concept School

*CPI - 10*

## Projects

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### Blood Bank System

- Designed and developed a comprehensive Blood Bank Management System using the MERN stack. The platform allows authorized users, including administrators, organizations, donors, and hospitals, to securely log in and access blood donation records, facilitating efficient blood supply management.
- Implemented role-based access control to ensure that each user type accesses only the relevant blood records and functionalities. Admins can manage users and monitor overall system activity, while organizations, donors, and hospitals can view and manage blood records within their respective scopes
- Utilized MongoDB for data storage, Express.js for RESTful API development, React.js for the dynamic user interface, Node.js for server-side logic, and JWT (JSON Web Tokens) for secure authentication.

### eCommerce Application

- Designed and developed a Basic eCommerce Application using the MERN stack. The platform allows customers, admin, sellers to securely log in and purchase or shop online, add new products facilitating easy and efficient online shopping
- Utilized MongoDB for data storage, Express.js for RESTful API development, React.js for the dynamic user interface, Node.js for server-side logic, and JWT (JSON Web Tokens) for secure authentication.

### IUHD (IIT Dharwad Unified HelpDesk)

- Developed a comprehensive grievance redressal application covering hostel, electricity, food, water, and mess-related issues at IIT Dharwad. Leading development to enhance campus communication and efficiency.
- Technologies used: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, RESTful API.

## Relevant Coursework

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- Data Structures and Algorithms
- Software Systems

## Technical Skills

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**Languages:** C/C++, HTML/CSS, JavaScript

**Developer Tools:** VS Code, Git, Github

**Technologies/Frameworks:** NodeJS, Express.js, Bootstrap, React.Js

**Libraries:** MongoDB, MySQL, PostgreSQL

## Positions of Responsibility/ Achievements

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### Assistant student mentor Coordinator(Sub Head) of Institute Student Mentorship Program (SMP)

- As Assistant Student Mentor Coordinator, led mentor selection through interviews, ensuring successful matches for junior students. Coordinated and provided guidance to students, contributing to the effectiveness of the Institute Student Mentorship Program.

### 1st place in Case Study Competition

- Secured top place in "Avadhan 2023" Case Study Competition, highlighting exceptional analytical and problem-solving abilities.

### Tech Fest Hackathon Competitor

- Advanced to the second round of Devhack at IIT Dharwad, completing projects within a rigorous 36-hour timeframe. Collaborated on diverse teams, presenting innovative solutions to judges.

### Hostel secretary