

# Mittapalli Praneeth

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## Objective

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Passionate and detail-oriented Computer Science student with strong programming skills in Java and hands-on experience in MERN stack development. Eager to apply my problem-solving abilities and technical knowledge in a dynamic software development role. Seeking an internship or entry-level position where I can contribute to real-world projects, enhance my skills, and grow professionally in the field of software engineering.

## Education

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<b>CMR Institute of Technology</b> <i>B.Tech in Computer Science and Engineering (Artificial Intelligence and Machine Learning), 80%</i>	<b>Hyderabad, India</b> 2021–Present
<b>Narayana Junior College</b> <i>Intermediate, MPC, 92%</i>	<b>Hyderabad, India</b> 2019–2021
<b>Sai High School</b> <i>Secondary School (10th), 100%</i>	<b>Hyderabad, India</b> 2017–2019

## Technical Skills

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**Programming Languages:** Java, JavaScript, HTML, CSS  
**Web Development:** React.js, Node.js, Express.js, MongoDB, RESTful APIs  
**Database Management:** MySQL, MongoDB (NoSQL)  
**Version Control:** Git, GitHub  
**Tools & Technologies:** VS Code, Postman  
**Operating Systems:** Windows  
**Software Development:** Object-Oriented Programming (OOP), MVC architecture  
**Other Skills:** Data Structures, Algorithms, Problem Solving

## Projects

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**Paste App (React.js + Local Storage):** Developed a web-based paste application using React.js, allowing users to store and manage temporary text data with ease. Implemented local storage to ensure that user data is persistent across browser sessions. Created an intuitive UI for adding, editing, and deleting text entries. Optimized performance with React's state management and ensured the app was responsive and mobile-friendly.

**Basic Chat App (MERN Stack with Socket.io & WebRTC):** Developed a real-time chat application using the MERN stack (MongoDB, Express.js, React.js, Node.js). Integrated Socket.io for real-time messaging and WebRTC for peer-to-peer video calling functionality. Implemented user authentication and secure messaging within chat rooms. Managed user data and messages with MongoDB. Optimized performance with React's state management. Ensured the application was responsive, user-friendly, and supported video calls across devices.

## Certifications

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**Infosys Springboard:** Java: Completed comprehensive training on core Java concepts, object-oriented programming (OOP), and practical applications of Java in software development.

**AI/ML for Geospatial Data Analysis:** Participated in a course focused on applying AI and machine learning techniques to geospatial data. Gained practical experience in satellite image processing, spatial analysis, and predictive modeling using GIS tools.