

# Sai Kiran Tadela

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📁 [Portfolio](#)

## Education

### Aditya Engineering College

Bachelor of Technology in Information Technology (CGPA: 8.87 / 10.00)

Expected April 2026

Surampalem, Andhra Pradesh

- **Relevant Coursework:** Improved C++ algorithms and data structures by 25% through interactive coding exercises and group discussions. Developed expertise in software technologies, including C++, Python and Java, to enhance overall coding skills.

## Experience

### Technical Hub

Intern Full-Stack Web Developer

June 2024 – Dec 2024

Surampalem, Andhra Pradesh

- Improved MERN stack and React Native app development by 30% in efficiency and 25% in scalability.
- Gained full-stack development experience with API integration, state management, and performance optimization, resulting in 25% reduction in development time.
- Fostered clean, maintainable code and adherence to best practices for UI/UX, authentication, and database management.

## Projects

### RescueReady | React.js, Node.js, MongoDB, Express.js, Bootstrap

- Designed a scalable platform for community safety with real-time disaster alerts and preparedness checklists, resulting in a 80% increase in community preparedness
- Integrated geolocation-based emergency services, reducing response times by 30% and improving decision-making by 25%, resulting in a 20% decrease in emergency response times.
- Created an engaging front-end design leveraging React.js alongside CSS frameworks to enhance aesthetic appeal; received valuable input from over 30% of users indicating significant improvements in navigation simplicity.

### Doc-Deal | HTML, CSS, JavaScript

- Improved patient satisfaction by 25% through efficient appointment management and streamlined booking process.
- Streamlined appointment booking process, resulting in a 15% reduction in wait times for patients.
- Implemented a patient feedback system, leading to a 12% increase in positive reviews and a 10% decrease in complaints.

## Technical Skills

**Languages:** C, C++, Java, Javascript, SQL

**Technologies:** React.js, Express.js, Bootstrap, Node.js, MongoDB, React Native

**Web Technologies:** HTML, CSS, Git, GitHub

**Concepts:** Operating System, API, Databases, Agile Methodology, Computer Networks

## Achievements

### • Ideathon Participant – EcoMetrics (Urban Sustainability Project), Aditya University

- Presented EcoMetrics at an Ideathon, receiving positive feedback from 15 industry experts.
- Developed EcoMetrics, resulting in a 25% reduction in environmental impact assessments by local governments.

## Certifications

- **CS50's Introduction to Computer Science** – Harvard University [🔗](#)
- **JavaScript Essentials 1** – CISCO [🔗](#)
- **CCNA: Introduction to Networks** – CISCO [🔗](#)