Krishna Sri Tarun

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Education

2021 – 2025 Kakinada, India	**Bachelor Of Technology** Kakinada Institute Of Engineering And Technology

Skills

Languages: Java, Javascript, SQL, Python, HTML5, CSS

Frameworks: React.js, Node.js, Express.js, Flask, Bootstrap5, Tailwind CSS

Tools: MongoDB, MySQL, Git, GitHub, Redux, Render, VS Code

Technologies: Machine Learning

Projects

Full Stack Traveling Website ⧉
- Developed a full-stack travel website using the **MERN stack**, incorporating **RESTful APIs**, **MVC architecture**, user authentication, and map-based location services for real-time data integration.
- Enabled guest users to submit reviews and ratings, and implemented interactive features for exploring travel destinations, enhancing user experience and engagement.

School Management API System ⧉
- Implemented a feature to find schools near the user's location and for any specified location, enhancing flexibility in school search.
- Developed functionality to add schools to the database, enabling continuous updates and expansion.
- Integrated a location-based search feature, allowing users to discover nearby schools efficiently from both their current location and any specified area.

Weather Forecast
- Developed a responsive weather forecast website using **React.js** and integrated a **Web API** to retrieve real-time weather data for any location, with a search feature to find specific weather conditions.
- Designed the user interface with **React MUI** to create a modern and intuitive experience, displaying dynamic weather information such as temperature, humidity, and wind speed.

Professional Experience

IIIT Hyderabad - Intern
- Developed a To-Do List application using Flask with efficient task management through CRUD operations and RESTful APIs.
- Enhanced the user interface with responsive design using HTML, CSS, and Bootstrap, ensuring a seamless experience across devices.

Teaching Assistant
- Provided guidance to MERN stack developers, answering technical questions and troubleshooting issues, resulting in improved project development workflows and enhanced collaboration.
- Contributed innovative ideas to improve project functionality by leveraging insights gained from assisting fellow developers, resulting in more efficient and scalable solutions.

Certifications

IIIT Hyderabad: Machine learning • **Apna College:** Full Stack Web Development • **Greeks of Greeks:** MongoDB

Achievements and Honor's

Hackthon
- Created a standout Python project that excelled in a high-stakes hackathon, demonstrating both creativity and technical expertise.
- Secured first place in a college-level hackathon with an innovative Python-based solution, showcasing strong problem-solving skills and effective teamwork.

Volunteer Experience

Student Mentor
Guided juniors in machine learning topics and mentored them on implementing machine learning algorithms for hackathon projects.