TAMADA TARUN

COMPUTER SCIENCE ENGINEER

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Hyderabad, Telangana

PROFILE INFO

Passionate and dedicated Computer Science Engineer with a drive to utilize technology for solving intricate challenges and fostering innovation. Equipped with a strong grasp of computer science fundamentals, algorithms, and machine learning techniques, complemented by practical experience in software development and system architecture. Demonstrated proficiency in collaborating across diverse teams, articulating technical concepts effectively, and staying abreast of emerging technological advancements. Committed to ongoing learning and advancement in the ever-evolving realm of computer science.

EDUCATION

Bachelor Of Technology
GITAM UNIVERSITY
Computer Science And Engineering (AIML)
2021 - 2025 7.79 CGPA

Higher Secondary Education
Kendriya Vidyalaya No.1 SVN
2019 - 2021 82%(CBSE)

SKILLS

- **Languages :** Python, SQL, HTML,CSS, Java, C/C++(basic)
- **Libraries :** Pandas, NumPy, Matplotlib
- **Tools :** GitHub, VSCode, Spyder, Jupyter Notebook,Google Colab
- **Soft Skills :** Problem-Solving, Critical Thinking, Communication, Presentation, Adaptability, Teamwork, Leadership, Time Management, Analytical Thinking, Research Skills

CERTIFICATIONS

- **Artificial intelligence And Machine learning** - AICTE (AWS)
- **Data Analytics** - AICTE (Alteryx)
- **Data Structures -** By University of California San Diego
- **C for Everyone: Programming Fundamentals -** By University of California, Santa Cruz

EXPERIENCE

Abhyudaya Internship - EDUYOUTH MEET, VIZAG
The Art Of Living | Dec 2023 - Jan 2024

- Spearheaded on-ground operations during the EduYouth Meet in Vizag, ensuring seamless execution and coordination of all activities throughout the event.
- Demonstrated strong leadership skills by overseeing a team of on-ground staff and volunteers, delegating tasks effectively, and maintaining high morale and productivity levels throughout the event.
- Collaborated closely with vendors, suppliers, and venue staff to coordinate logistics and ensure timely delivery of services and materials, fostering positive relationships and optimizing operational efficiency.

PERSONAL PROJECT

Traffic Flow Prediction
Model : Random Forest

- Led a project focused on traffic flow prediction utilizing supervised learning techniques and the Random Forest algorithm to forecast traffic volume and congestion levels.
- Collected and preprocessed large-scale traffic data from various sources including traffic sensors, GPS devices, and historical traffic records, ensuring data quality and consistency for model training.
- Implemented a Random Forest regression model to analyze historical traffic patterns and predict future traffic flow based on features such as time of day, day of week.
- Evaluated model performance using metrics such as mean absolute error (MAE), root mean square error (RMSE) to assess the accuracy and reliability of traffic flow predictions.