RAGALAHARI AKULA

CONTACT

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SKILLS

- Programming Languages: Python
- Mathematics and Statistics: Linear Algebra, Calculus, Probability and Statistics
- Data Handling: Matplotlib, Seaborn, Plotly
- Machine Learning Algorithms: Supervised Learning, Unsupervised Learning
- Libraries and Frameworks: Scikit-learn, TensorFlow
- Computer Vision: OpenCV, Image Processing
- Version Control: Git
- Tools: Jupyter Notebooks, Anaconda, VSCode
- Databases: SQL
- Data Analytics: Power BI

EDUCATION

Bachelors of Technology
CSE [AI&ML]
Dhanekula Institute of Engineering & Technology
2021-2025
CGPA: 8.47

Intermediate

Sri Sarada Junior College
2019-2021
Percentage: 90.5

OBJECTIVE

Seeking a challenging position where I can utilize my skills and expertise in software development to contribute to the success of the team, while also advancing my career and professional growth through continuous learning and new opportunities.

PROJECTS

Vehicle Insurance Fraud Detection 05/2023-07/2023

- Created and trained a machine learning model using Scikit-learn to identify patterns indicative of fraudulent claims.
- Utilized MLFlow for model evaluation, tracking experiments, and managing model versions to ensure optimal performance.
- Deployed the model through Render, leveraging its platform for smooth and scalable deployment.
- Implemented CI/CD pipelines to automate the deployment process, ensuring continuous integration and continuous delivery.

WPL Data Analytics using PowerBI 04/2024-04/2024

- IDesigned and implemented an intuitive dashboard to visualize key WPL metrics and statistics.
- Integrated multiple data sources for real-time updates and comprehensive analytics.
- Created dynamic visualizations for batting and bowling stats, match outcomes, and venue performances.
- Provided actionable insights into team wins, toss decisions, and result patterns.

Style Recommendation based on Face Shape 05/2024-06/2024

- Implemented a Convolutional Neural Network (CNN) using TensorFlow to accurately predict user gender from images.
- Utilized OpenCV and dlib’s face shape predictor to identify the user's face shape from the input images.
- Provided personalized styling suggestions based on the predicted gender and identified face shape, enhancing user engagement and satisfaction.

SSC

Chigurupati Sri Krishnaveni Talent School

2018-2019

Percentage: 89.8%

LANGUAGES

English

Telugu

- Integrated MLFlow for model tracking, evaluation, and version control to ensure high model performance and reproducibility.
- Containerized the application using Docker to streamline development, testing, and deployment processes.
- Deployed the system through Render, ensuring seamless and scalable deployment.
- Established CI/CD pipelines to automate the deployment process, ensuring continuous integration and continuous delivery.

TRAINING + INTERNSHIP

Codegnan IT Solutions PVT LTD

Machine Learning Intern 05/2023-07/2023

- Worked on Vehicle Insurance Fraud Detection Project.
