SAI SUMANTH MAICHARLA

Machine learning Graduate
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SUMMARY

Graduating Machine Learning Enthusiastic at Kakinada Institute of Engineering and Technology. Experienced in software development, including building and deploying ML models and optimizing data workflows. Proficient in Python and ML libraries. Seeking an Associate Software Developer role to apply my skills in software development and machine learning.

WORK EXPERIENCE AND PROJECTS

ML Intern , Internship studio   **July 2023 - Present**

- Developed and deployed 5+ machine learning models, enhancing system performance by 15%.
- Improved data processing pipelines, reducing preprocessing time by 25%.
- Looking forward to integrate machine learning solutions into existing software applications.

ML Intern , APSSDC- Edunet foundation   **May 2024 - Jun 2024**

- Built a Sentiment Analysis tool that classified sentiments with 85% accuracy using NLP techniques.
- Processed over 10,000 textual data points, extracting valuable insights to enhance user engagement features.

ML Trainee and Intern , Fox Trading Solutions   **Aug 2023 - Nov 2023**

- Led the development of the Bike Sharing Demand Prediction system, achieving a 20% improvement in forecast accuracy.
- Created a Number of Orders Prediction model, which reduced forecasting errors by 18%, benefiting inventory management systems.
- Developed a diabetes prediction model with 90% accuracy, contributing to health management software.

EDUCATION   **2021 - 2025**

Bachelor of Technology (B.Tech) in Artificial Intelligence and Machine Learning

- Kakinada Institute of Engineering and Technology
- Expected Completion: 2025

SKILLS AND ADDITIONAL INFORMATION

- **Programming Languages:** Python, Java
- **Machine Learning Libraries:** scikit-learn, TensorFlow, Keras
- **Data Analysis:** Pandas, NumPy
- **Data Visualization:** Matplotlib,
- **Tools:** Jupyter Notebooks, Git, IDEs like PyCharm and VS Code
- **Languages known:** English, Telugu