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Summary

B.Tech student in Computer Science and IT with a strong foundation in Data Science and Machine Learning. Experienced in Flask for web application development and deployment. Skilled in Python, model development, and data visualization, eager to apply expertise to real-world AI/ML solutions.

Skills

- Python | Flask | Machine Learning | TensorFlow
- Data Exploration | Data Analysis
- SQL | Power BI | MS-Excel | Statistical Analysis
- Communication | Problem-Solving | Adaptability

Experience

Data Science Intern October 2024 – November 2024

Extion Infotech

- Developed ML models and deployed them using Flask for real-time inference.
- Built and maintained APIs for data processing and ML model integration.
- Researched and implemented AI/ML solutions, including reinforcement learning.
- Documented processes and results for scalability using SQL and MS-Excel.
- Delivered presentations on Flask-based applications and model performance.

Projects

Mental Health Prediction using Flask

GitHub Link

- Skills: Python, Flask, Machine Learning, Data Preprocessing, API Development.
- Developed a Flask-based web app to predict mental health severity from survey inputs.

Sales Data Analysis and Forecasting

GitHub Link

- Skills: Python, ARIMA Models, MS-Excel, Data Analysis, Power BI.
- Explored sales data and developed ARIMA models for forecasting, visualized in Power BI.

Flask-based Sentiment Analysis App

GitHub Link

- Skills: Flask, Python, NLP, TensorFlow, API Development.
- Created a web app that analyzes text sentiment using a deep learning model deployed with Flask.

Certifications

Complete Data Science Bootcamp (Udemy)

- Covered Python, Flask, TensorFlow, ARIMA models, and data analysis techniques.

Education

Bachelor of Technology, Computer Science IT (2022-2026)

MVGR College of Engineering | 8.27 CGPA

Intermediate (2022) | Sri Chaitanya College, Vijayawada

10th (2020) | Sri Chaitanya School, Chirala

Hobbies

- Storywriting | Watching Movies | Reading Books