Siva Sakthii U.S - B. Tech student specializing in AI/ML
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Summary

Highly motivated and detail-oriented data science enthusiast with a strong background in machine learning and programming. Proficient in Python, with experience in data analysis, natural language processing, and computer vision. Strong understanding of machine learning concepts and algorithms, with a passion for artificial intelligence and its applications.

Skills

Technical Skills Python | C Language | Java (Beginner) | Deep Learning - Neural Networks | Machine Learning - KNN, Linear Regression, Logistic Regression | Cloud Computing | Full Stack Development | Algorithm: XGBoost | Tools: Scikit-learn, Pandas, NumPy, Flask | Git | Cloud Platforms | TensorFlow | Keras

Soft Skills Effective communication | Leadership | Team Collaboration | Problem-Solving | Time Management

Education

B.Tech	Sri Shakthi Institute of Engineering and Technology	2024 - 2026	CGPA - 9.12
H.S.C	Venkatalakshmi Mat. Hr. Sec. School	2022 - 2022	Percentage - 89%
S.S.L.C	St.Francis Anglo Indian Girls High School	2020 - 2020	Percentage - 85%

Projects

Phishing URL Detection using Machine Learning

- Utilized machine learning algorithms to analyze URL patterns, domain metadata, SSL certificates, and website content for classification.
- Developed a 90%+ accurate model with real-time web-based analysis using Python and Scikit-learn.

AI-Powered Retail Insights and Query System

- Applied natural language processing techniques to analyze text data and extract insights using YOLOv5 and TensorFlow.
- Implemented a query system allowing users to upload database files and fetch insights using natural language queries.

Image Classification using Deep Learning

- Utilized convolutional neural networks to classify images into different categories using TensorFlow and Keras.
- Achieved an accuracy of 95% on a test dataset.

Achievements

- Won multiple elocution competitions, demonstrating strong communication and public speaking abilities.
- Developed and deployed a machine learning model that achieved a 90%+ accuracy in phishing URL detection.
- Published a research paper on the application of natural language processing in text classification.