Hanlala Ibrahim

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SUMMARY

Dedicated and analytically-minded AI & ML engineer with a strong passion for technology and cybersecurity. Seeking opportunities to apply my problem-solving skills and extensive knowledge in a practical, real-world setting.

TECHNICAL SKILLS

Programming Languages: Python, C, C++, SQL, Java Script

Deep Learning Frameworks: TensorFlow, Keras

Libraries & Tools: NumPy, Pandas, Scikit-learn, OpenCV, Seaborn

PROJECTS

Spam Classifier
Machine *Learning Project*

june 2024 – July 2024
Python, Pandas, TF-IDF, Scikit-learn

- Built an SMS spam classifier using TF-IDF and Naive Bayes
- Preprocessed text data for improved model accuracy
- Achieved 97% accuracy with high precision and F1-score

Sentiment Analysis
Natural Language Processing, Machine Learning

April 2024 – june 2024
Python, TF-IDF, Scikit-learn,

- Developed an NLP-based sentiment analysis system using Random Forest Classifier.
- Implemented TF-IDF vectorization for text classification.
- Achieved 94.9% accuracy on the test set.

EXPERIENCE

Machine Learning Intern
CodeAlpha

July 2024 – Present

- Developed and deployed industry-specific machine learning models for enhanced accuracy.
- Optimized model performance and ensured data integrity through rigorous testing.
- Collaborated across teams to deliver tailored AI solutions, presenting insights to stakeholders.

Machine Learning Intern
CodeSoft

June 2024 – july 2024

- Implemented machine learning models for movie genre prediction and fraudulent transaction detection using techniques like TF-IDF, word embeddings, and Decision Trees.
- Developed a customer churn prediction model with Gradient Boosting and an AI-based SMS classification system using Naive Bayes for enhanced communication security.

EDUCATION

B.Tech in Computer Science Engineering (CSE)
Periyar Maniammai Institute of Science and Technology, *[2021 - 2025]*

Tanjore, Tamil Nadu

- *Specialization in Artificial Intelligence (AI) and Machine Learning (ML)*

CERTIFICATIONS

- AWS Certified in Cloud Practitioner
- Cybersecurity Certificate Form Cisco
- Web Technology Certificate
- Python Certificate From GUVI