

Kovur Shameel Ahmed

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Summary

MCA graduate with hands-on experience in Python back-end development, AI/ML engineering, and data pipeline design. Built production-grade NLP systems and time-series forecasting models. Looking for a Software Engineering or Data Engineering role where I can contribute to scalable and reliable systems.

Technical Skills

Languages	Python (Expert), Java, SQL
Frameworks	Django, Flask, REST APIs
AI / ML	TensorFlow, Scikit-learn, NLP (NLTK), Pandas, NumPy, LSTM, XGBoost
Databases	MySQL, DBMS fundamentals
Infrastructure	Linux, Cloud Computing, Git
Core Competencies	Data Structures & Algorithms, System Design, Root-Cause Analysis

Experience

Artificial Intelligence Intern <i>Intrainz Innovation</i>	<i>January 2025 – March 2025</i> Bengaluru, Karnataka, India
<ul style="list-style-type: none">Engineered an end-to-end Spam News Detection system using NLP and supervised ML, achieving robust classification of misinformation across large text datasets.Built complete ML pipelines—data ingestion, preprocessing, feature engineering, and hyperparameter tuning—using Python, Scikit-learn, and TensorFlow, reducing model error by iterative optimization.Implemented NLP workflows with NLTK: tokenisation, stopword removal, TF-IDF vectorization, and text normalization to prepare training corpora.Deployed a Flask-based REST API to serve the trained model, managing the complete lifecycle from raw data to production endpoint.Collaborated cross-functionally to translate complex data outputs into actionable insights through rigorous testing and analytical reporting.	

Projects

Agricultural Price Prediction System	<i>Python, LSTM, XGBoost, Pandas</i>
<ul style="list-style-type: none">Designed a time-series forecasting model combining LSTM (deep learning) and XGBoost (gradient boosting) to predict commodity market prices with high accuracy.Built the complete data pipeline: ingestion of raw market data, feature engineering (lag features, rolling statistics), model training, and evaluation on held-out test sets.Results provided actionable market-trend forecasts, demonstrating practical real-world impact of ML-driven decision support systems.	
Real-Time Spam News Classifier <i>Flask, NLP, Scikit-learn, REST API</i>	
<ul style="list-style-type: none">Developed and deployed a Flask web application that classifies news articles as spam or legitimate in real time, handling end-to-end flow from raw input to prediction output.Mastered the full ML lifecycle: data cleaning, model selection, evaluation metrics (precision/recall/F1), and production monitoring for 24/7 reliability.	

Education

Master of Computer Applications (MCA) Sree Vidyanikethan Education Trust (SVET), Tirupati	<i>September 2023 – May 2025</i>
Bachelor of Science — Mathematics & Computer Science Sri Venkateswara University, Tirupati	

Certifications

<ul style="list-style-type: none">Artificial Intelligence using PythonAI Tools WorkshopTechnical Support Fundamentals (Google / Coursera)AI and Data Scientist
