

Shaik Ahmed

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Education

Lords Institute of engineering and technology (OU) Hyderabad-TS
Bachelor Of Engineering , Specialization: Information Technology 2019-2023

Technical Skill Set :

Languages and Tools	: Python, SQL(Mysql) , Git, NPM, Github
Libraries and Frameworks	: Numpy,Pandas , Matplotlib, Seaborn, Sk-learn,Beautiful -Soup,TensorFlow,Django.
Api integration	: FastApi, Flask
Data Science and Machine Learning	: Data Collection, Data Preprocessing ,Data Warehousing ,Linear and Logistics Regression ,KNN,Decision Tree , Random Forest, SVM and K Means ,Natural Language Processing (NLP)
Mathematics for ML & DL	: Statistics , Probability, Matrices

Projects:

1.Machine learning approach for opinion mining online customer reviews

- Supervised machine learning methods in opinion mining online customers, 39,976 reviews on hotels in Vietnam on Agoda.com website
- Implemented a **Django-based** web application with User and Admin modules for user registration, activation, and dataset management
- Conducted data preprocessing for noise removal and attribute grouping.Integrated machine learning algorithms (Naive Bayes, SVM, Decision Tree, LR, Neural Network, Random Forest) for classification and prediction, evaluating accuracy and metrics to identify optimal classifiers.
- Used libraries like **Pandas , Numpy , Sk-learn ,Text-blob**
- [CODE](#) , [CERTIFICATE](#)

2. Spammer Detection and Fake user Identification on Social Networks.

- Implemented a project on Spammer Detection and Fake User Identification on Social Networks, utilizing Twitter datasets and employing four techniques: Fake Content, Spam URL Detection, Detecting Spam in Trending Topics, and Fake User Identification.
- Utilized Python with packages such as **SKlearn** and **Numpy**, incorporating machine learning algorithms like **Naïve Bayes** and **Random Forest** for classification.
- Developed a GUI using Python **Tkinter** for interactive analysis. Achieved a prediction accuracy of 92% with Random Forest classifier.
- [CODE](#) , [CERTIFICATE](#)

Extracurricular & Certifications:

1. Cognizant Artificial Intelligence Job Simulation on Forage - December 2023.

- Completed a job simulation focused on AI for Cognizant's Data Science team.
- Conducted exploratory data analysis using Python and Google Colab for one of Cognizant's technology-led clients, Gala Groceries.
- Prepare a Python module that contains code to train a model and output the performance metrics for the Machine Learning engineering team.
- Communicated findings and analysis in the form of a PowerPoint slide to present the results back to the business.
- [CERTIFICATE](#)

2. KPMG AU Data Analytics Job Simulation on Forage - July 2022

- Completed a simulation focused on advising a client on customer targeting with the Data, Analytics & Modelling team
- Assessed data quality and completeness in preparation for analysis
- Analyzed data to target high-value customers based on demographics and attributes
- Developed dashboards to communicate findings with visuals
- [CERTIFICATE](#)

SOFT SKILLS:

Communication Skills: Expressing ideas clearly, listening actively, and conveying information effectively are vital in any workplace, presenting effectively problems and solutions.

Adaptability: Quickly learning new skills, and adapting to different work environments.

Attention to Detail: Paying careful attention to tasks, ensuring accuracy works to overall quality.

Problem Solving and Time management: Efficiently organizing tasks, setting priorities, and meeting deadlines demonstrate reliability and productivity.