Mohammed Abdul Jabbar Khan

Hyderabad

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Personal Profile

I'm deeply passionate about machine learning, AI, data science, and football, and I'm currently studying at GRIET. I've been diving into the fascinating world of analytics and AI, both in theory and practice, and I'm excited about the possibilities they hold.

Gokaraju Rangaraju Institute of Engineering and Technology *Hyderabad, India*
B-Tech in COMPUTER SCIENCE(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) *May 2021 - July 2025*

- CGPA - 8.82
- Top Performer in coding and problem Solving among top 15 students in my branch
- Selected as a Training Staff Member at X-KERNEL GRIET
- Secured 2nd position in Football at sports tournament

FIITJEE *Hyderabad, India*
Intermediate *Apr 2019 - Apr 2021*

- Percentage - 93
- Passed with Distinction

Glendale Academy International *Hyderabad, India*
High School *Apr 2017 - Apr 2019*

- Percentage - 95.6
- Passed with Distinction
- Represented School Football team at national qualifiers

Work Experience

BRITISH AIRWAYS *Hyderabad , India*
DATA SCIENCE INTERN *Nov 2023 - Jan 2024*

- Completed the Data Science program with British Airways via Forage, delving into its crucial role in the company's success. Tasks included scraping and analyzing customer review data for insights and developing predictive models for consumer purchasing decisions.
- During this immersive experience, I honed my skills in data analysis and predictive modeling, gaining invaluable hands-on experience in real-world applications of data science within the aviation industry.
- This program boosted my technical skills and deepened my understanding of data-driven decision-making in complex business settings, reinforcing my passion for using data science to tackle real-world problems.

CODSOFT *Hyderabad, India*
MACHINE LEARNING INTERN *OCT 2023 - Nov 2023*

- Developed an **SMS fraud detection** using LabelEncoder for text data, WordCloud for visualization, spaCy for natural language processing, and RandomForestClassifier for effective machine learning classification.
- Employed Matplotlib and Seaborn for visualizations, NLTK for stemming, and TF-IDF Vectorizer for feature extraction in a **Movie Genre Classification** project. Achieved accurate predictions, demonstrating text processing and ML skills.
- Built fraud detection with Matplotlib, Seaborn, StandardScaler, and DecisionTreeClassifier for accurate **credit card fraud classification.**

Projects

HOUSING DATA SUPERVISED LEARNING *Hyderabad,India*
2023

- Incorporated RandomForestRegressor,DecisionTreeRegressor and RandomForestRegressor in conjunction with matplotlib, sklearn, and a StandardScaler pipeline for housing data analysis showcasing versatility in machine learning techniques
- **Technical Skills:** Feature Engineering
- **Soft Skills:** Logical Thinking, Critical Thinking.

CROP RECOMMENDATION SYSTEM *Hyderabad,India*
2023

- Utilized Seaborn, Matplotlib for visualization, and classifiers (DecisionTreeClassifier, RandomForestClassifier, AdaBoost) in crop classification. Improved precision and recall metrics for accurate categorization.
- **Technical Skills:** Python with Pandas, matplotlib, Seaborn.
- **Soft Skills:** Logical Thinking, Critical Thinking.

VOICE CONTROLLED ASSISTANT   *Hyderabad, India*
                                                                              2023

- The Voice-Controlled Assistant project, inspired by the fictional character Jarvis from the Iron Man series, is a Python-based application that interacts with users through voice commands. Leveraging libraries such as speech_recognition, win32com, and webbrowser, this assistant can perform a variety of tasks including opening websites, playing music, checking the time, and launching applications like Spotify.
- **Technical Skills:** Python
- **Libraries:** speech_recognition, win32com, webbrowser, datetime, subprocess, cv2 (OpenCV)

GUESS NO GAME   *Hyderabad,India*
                                                                              2023

- Developed a responsive web-based game called "Guess No" by implementing JavaScript, implementing game logic, user input validation, and score tracking using JavaScript.
- **Technical Skills:** JavaScript
- **Soft Skills:** Logical Thinking, Critical Thinking.

Skills

Programming	Python (Pandas, Data Visualization, NumPy, Scikit-learn, Natural Language Processing),Artificial Intelligence,Data Analysis, Data Visualization, Feature Engineering.
Miscellaneous	Linux, Excel, Microsoft Office.
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Achievements

2023	**Secured 1st, 5th, 11th, 33rd Rank in Coding contest conducted by Smart Interviews at GRIET**,	*India*
2023	**Secured 2nd Position at a football tournament held at VNRVJIT**,	*India*
2023	**Completed Supervised Machine Learning: Regression and Classification from DeepLearning.AI**,	*India*
2023	**Completed a BootCamp at IDS Inc on BlockChain HyperLedger**,	*India*
2023	**Completed a Java Programming Certification from Edyst**,	*India*
2023	**Part of Research Apprenticeship at Centella Scientific**,	*India*
2024	**Completed a Data Science Job Simulation at BRITISH AIRWAYS**,	*India*
2023	**Volunteered at Maker Faire Hyderabad at T-works Telangana**,	*India*