GHULAM MOHIUDDIN

AI & ML | DATA SCIENCE

E : gm.ikbal@hotmail.com   **P :** +971 55 505 1347   **A :** Dubai , UAE

CAREER OBJECTIVE

Seeking a role in Computer Science to utilize my Data Science and Python skills for continuous learning and innovation. Committed to contributing expertise and staying at tech's forefront in a dynamic, creative environment.

WORK EXPERIENCE

Sep'2021 - Aug'2023

Data Scientist

Cytomate

Key Responsibilities:

- **Data Preparation:** Collect, clean, and preprocess data for analysis and modeling.
- **Model Development:** Develop machine learning models using Python, PyTorch, or similar frameworks.
- **Algorithm Optimization:** Fine-tune and optimize models for accuracy, efficiency, and scalability.
- **Feature Engineering:** Create and select relevant features to improve model performance.
- **Model Evaluation:** Assess model performance using appropriate metrics and techniques.
- **Collaboration:** Collaborate with cross-functional teams, including data scientists, engineers, and domain experts.
- **Documentation:** Maintain clear and concise documentation of code, experiments, and findings.

PROJECTS

Jun'2022 - Jun'2023

Land State

Built a CRM system for the Real Estate industry with the feature of seamlessly convert 2D ground floors into immersive 3D visuals for enhanced property visualization.

- **Programming Languages:** Proficient in Python, used for image processing, data manipulation, and text extraction.
- **Computer Vision Libraries:** Employed OpenCV (cv2) for image manipulation, contour detection, and geometric analysis.
- **Text Extraction:** Utilized Tesseract OCR for text extraction from images.
- **Data Processing:** Preprocessed images by converting them to grayscale and applying thresholding techniques for feature extraction.
- **Contour Detection:** Identified and analyzed contours in images to isolate objects of interest.
- **Software Tools:** Configured the Tesseract OCR tool to specify the Tesseract executable path manually. Use Python , OpenCV and pymongo.

Aug'2022 - Sep'2022

Churn Sheild

Develop ChurnShield' to predict customer churn and improve retention. Used data analysis and machine learning to develop strategies for reducing customer churn .

- **Programming Languages:** Such as Python or R for data analysis, machine learning, and data visualization.
- **Data Analysis Libraries:** Python libraries like Pandas and NumPy for data manipulation and analysis.
- **Data Visualization Tools:** Matplotlib, Seaborn, or Plotly for creating data visualizations.
- **Machine Learning Frameworks:** Scikit-Learn for building and training machine learning models.
- **Database Systems:** Depending on the project, you might need to work with databases like SQL or NoSQL to extract and store data.
- **Version Control:** Tools like Git and platforms like GitHub for version control and collaboration.

EDUCATION

BS in Computer Science

Fast National University of Computer & Emerging Sciences

Major:

- Digital image Processing
- Distributed Data Engineering
- Data Mining
- Database Systems

TRAINING & CERTIFICATIONS

- Exploratory Data Analysis for Machine Learning

  IBM

- Unsupervised Machine Learning

  IBM

- Azure AZ-900

  Microsoft

- Supervised Machine Learning: Regression

  IBM

- Python Specialization

  University of Michigan

- Supervised Machine Learning: Classification

  IBM

- MERN Full Stack Development

  Udemy

TECHNICAL SKILLS

Languages
- Python
- C/C++
- Java

Web
- JavaScript
- React
- Node
- Express

DataBases
- MySql
- SqlLite
- MongoDB

Libraries
- OpenCV
- Tesseract
- Ski-kit-learn
- pytorch

ACHIEVEMENTS

- Part of Google Developer Student Club
- Win Speed Coding Competition from Fast National University
- Huawei idea Thon runner up