

MAHNOOR SHOUKAT

Software Engineer

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PORTFOLIO:

<https://mahnoorshoukat.github.io/portfolio/>

CAREER OBJECTIVE

A highly motivated and hard-working individual seeking for an opportunity in a renowned and technically-oriented organization where I can utilize the knowledge and experience gained during my bachelors. To work in such an environment that provides professional development, valuable experience, and promotes personal growth.

SKILLS/TOOLS

- ✓ AL, ML, DS, Data Analytics
- ✓ Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn) working with Jupyter notebook and Google Colab
- ✓ Power BI
- ✓ C++
- ✓ My SQL
- ✓ React Native
- ✓ Katalon Studio
- ✓ TensorFlow, PyTorch
- ✓ ML, DL models basic concepts
- ✓ MS Office | MS Visio

SOFT SKILLS

- ✓ Analytical skills
- ✓ Problem Solving Skills
- ✓ Presentation Skills
- ✓ Critical Thinking Skills
- ✓ Good Teamwork Skills
- ✓ Written & Verbal Communication Skills

LANGUAGES

- 1: English
- 2: Urdu
- 3: Punjabi (Mother Tongue)

EDUCATION

Bachelor of Science, Software Engineering

2019 – 2023

Fatima Jinnah Women University, Rawalpindi, Pakistan

CGPA **3.62/4.0**

During my academic career, I have worked on multiple projects.

- Using the libraries (NumPy, Pandas, Scikit-learn, matplotlib and seaborn), I have pre-process and visualize the dataset and then implemented an Air Quality monitoring system with Jupyter notebook and streamlit.
- Implemented different machine learning and LLM models such as Random Forest, ANN, CNN, RNN, Encoder-decoder, LSTM etc. to build projects that are sentiment analysis, object detection using YOLO, image captioning, prediction
- Worked on Power BI data visualization tool and learning Tableau.
- Gained an understanding of ETL process, Data warehousing.

PROJECTS

Final Year Project

Detection of Fraudulent Transactions in Real-Time Healthcare Systems Using Adaptive Learning

Designing and implementation of inference engine

- After data preprocessing using NumPy and pandas, transactional data is clustered using fuzzy c-means algorithm, based on threshold rules are computed and the selected cases are then evaluated using a rule engine.

Semester Project

Fire Detection System

Dataset pre-processing by normalizing the images, Training and deployment of Convolutional Neural Network (CNN) deep learning model on the fire images dataset using Streamlit.

EXPERIENCE

Technical Team Lead

2021 – 2023

GDSC, FJWU, Rawalpindi, Pakistan

My experience as a Technical Lead with GDSC has been incredibly rewarding. It has allowed me to expand my technical knowledge, develop leadership skills, and connect with a vibrant community of tech enthusiasts. It provides access to valuable resources, including workshops, sessions, and hackathons, which foster skill development and practical learning.

CERTIFICATIONS

Title	Organization
AI For Everyone	Coursera
Power BI Boot Camp 23'	GDSC - KIET
Participation for submitting a solution in the 2022 Solution Challenge	GDSC

HONORS & AWARDS

- ✓ **Benevolent Fund** Scholarship Holder
- ✓ Among the **Top 5 students** in Batch During Bachelor's
- ✓ **WON** the challenge of BEST USE OF VELO BY WIX in (MLH) Hackfest 2.0 by Remote base
- ✓ **Appreciation Award** by PEC for participating in PEC Project Competition