Safura Arif Kasu

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ABOUT ME

Motivated BSc student in Data Science and Artificial Intelligence with a 4.0 cGPA and hands-on experience in machine learning, data analysis, and research. Seeking opportunities to apply AI to solve real-world challenges through innovative, data-driven solutions.

EDUCATION

UNIVERSITY OF DOHA FOR SCIENCE AND TECHNOLOGY   Doha, Qatar
BSc Data Science and Artificial Intelligence   2024 - 2027
- cGPA - 4.00 / 4.00

M.E.S. INDIAN SCHOOL   Doha, Qatar
High School   Year of Graduation - 2023

TECHNICAL SKILLS

Programming Languages:	Python, Java, SQL, HTML/ CSS
Quantum Computing:	Qiskit
Data Analysis:	Pandas, Numpy, Matplotlib, Seaborn
Machine Learning:	Scikit-Learn
Web Development:	Streamlit
Database Management:	SQL, MongoDB
Developer Environments:	GitHub, VS Code, Jupyter, Kaggle

PROJECTS

ANOMALY DETECTOR FOR CSV
- Designed and developed a Streamlit-based web application to help identify anomalies in CSV datasets.
- The tool supports multiple anomaly detection methods for various anomalies like outliers and missing data.
- Provides column-level heuristics with contextual suggestions for data cleaning and preprocessing.

QUANTUM IDE FOR BEGINNERS
- Developed an educational web app to help beginners ease their way into the basics of quantum computing (specifically gates & circuits) in an intuitive way using an interactive and fun interface built through streamlit.
- Includes live circuit and bloch sphere visualization.

PROGRAMS & COMPETITIONS

QISKIT GLOBAL SUMMER SCHOOL 2025: IBM's prestigious summer training program for quantum computing beginners.

WOMANIUM & WISER: A program aimed at solving real-world problems through PDEs and quantum computing applications.

QATAR TECHNOLOGICAL INNOVATION PROGRAM: Top 15 of the 150+ teams participating.

EXPERIENCE

FREELANCER   Remote
Fiverr   2025
- Created professional profiles on major freelancing platforms to pursue hands-on experience through data-focused roles.
- Proactively developing portfolio projects in data analysis and machine learning to attract clients.

LIFOLOGY   Based in India
Youth Ambassador for Lifology   2022 - 2023
- Researched trends in youth career choices and emotional wellness.
- Created reports and led outreach campaigns for students and parents through seminars and social platforms.

RESEARCH
Student Researcher   2023 - Present
- Investigated quantum entanglement in relation to Hawking radiation and black holes.
- Synthesized complex theoretical insights into accessible reports with expert feedback.

NASA Affiliated International Astronomical Search Collaboration   2021
- Analyzed astronomical data for near-earth object detection emphasizing attention to detail and problem-solving.

ENGLISH PROFICIENCY
IELTS TEST SCORE**: 8.5/ 9.0**