Bilal Farooq

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@BilalFarooq

Block 14, Gulistan-e-Johar, Karachi, Pakistan

DEDICATED FAST-NUCES STUDENT WITH A PASSION FOR AI

A dedicated Artificial Intelligence student at FAST-NUCES with a strong passion for AI, data analysis, and database management. I am eager to apply my skills in real-world projects, constantly seeking new challenges and opportunities for growth. With Intermediate problem-solving abilities and a commitment to excellence, I strive to make a positive impact in the field of AI

PROJECT EXPERIENCE

National University of Computer and Emerging Sciences (NUCES)

- **Bank ManBank Management System:** Built a C++ bank system using OOP and data structures like linked lists and queues.
- **Client-Server Chat App:** Developed a TCP-based chat app using C++ socket programming for real-time communication.
- **House Price Prediction:** Predicted property prices using Python ML models with data from Zameen.com.
- **Laptop Price Prediction:** Designed a laptop price estimator using Python, pandas, and machine learning algorithms.
- **Farmer Portal Web App:** Developed a PHP-MySQL B2B portal with dashboards, cart system, and dark mode support. Created an Oracle SQL-based database for farmer-vendor transactions and inventory.
- **Big Data with PySpark:** Implemented Spark RDDs for log processing, sales aggregation, and word count projects.

EDUCATION & CERTIFICATIONS

National University of Computer and Emerging Sciences **(NUCES) Bachelor of Computer Science (Artificial Intelligence Major)**
Saudi Government School
Completed Intermediate in Saudi Arabia

Certifications:

Create Charts and Dashboard using Google Sheets - Coursera (2022)

Google AI Essentials - Coursera (2024)

Google Data Analyst Course (2025) - National University

EXTRACURRICULAR ACTIVITIES

Community Involvement Involvement in community projects or initiatives related to technology or AI.

Workshops and Seminars

KEY COMPETENCIES

Critical Thinking & Problem-Solving
Effective Communication & Interpersonal Skills
Proactive & Self-Motivated
Strong Organizational Skills
Team Collaboration & Leadership

TECHNICAL SKILLS

- Programming Languages: C/C++, Python
- Data Analysis & Modeling: Pandas, NumPy, Seaborn
- Database Management: SQL, Oracle Database
- Software Development: Object-Oriented Programming (OOP), Data Structures (C++)
- Process Improvement & Data-Driven Strategic Planning
- Team Collaboration & Communication

LANGUAGES

Urdu (Fluent)
Arabic (Fluent)
English (Fluent)