**Name:**  
Muhammad Talha Arshad

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**Career Objective / Profile:**  
Dedicated Data Science undergraduate student at FAST-NUCES Islamabad with strong theoretical knowledge and practical skills. Passionate about machine learning, data analysis, and end-to-end data lifecycle projects. Eager to leverage internship opportunities to develop hands-on experience and contribute to impactful data-driven solutions.

**Education:**  
Bachelor of Science in Data Science, FAST-NUCES Islamabad, 2023 – 2027  
Relevant Courses: Statistical Analysis, Machine Learning, Data Mining, Database Management  
GPA: 2.5

**Skills:**  
▪ Programming Languages: Python, R, C++, C#, Node.js  
▪ Databases: MySQL, SQL  
▪ Data Analysis & Machine Learning: Statistical Analysis, Probability, ARIMA, SVM, Random Forest, Deep Learning  
▪ Tools: Relational Mapping, ERD, LaTeX, MER  
▪ Languages: English, Urdu

**Experience / Internships:**  
Summer Intern, Knowledge Discovery and Data Science (KDD) Lab  
Summer 2025 (June 9 – August 10)  
▪ Applied machine learning, NLP, and deep learning techniques to optimize image generation projects  
▪ Developed models trained on sub-prompts from multi-language prompts using scene graphs for improved image generation

Volunteer, Jamshed Akhtar Qureshi Education Trust (JAQET): (February 2025 – May 2025)  
▪ Managed 100+ survey lifecycles including manual data extraction, cleaning, and normalization in Excel  
▪ Conducted statistical analysis using Python to support educational resource allocation

**Projects:**  
Inflation-Prediction-Model, 2024  
▪ Built a predictive inflation model using R, ARIMA, SVM, and Random Forest techniques

Taskify (Task Manager App), 2023  
▪ Developed a task management application with features for task creation, scheduling, and prioritization using C#

Traffic Manager, 2023  
▪ Simulated traffic flow to analyze congestion patterns using C++

Game Information Database, 2023  
▪ Designed and implemented a game data storage and management system using C++

**Achievements:**  
▪ Certified: Supervised Machine Learning, Stanford University  
▪ Certified: Probability for Data Science, Great Learning Academy  
▪ Certified: Data Science Tools, IBM/Cognitive Classes  
▪ Scholarship Holder: 10th class from GSS(Fbise)—80% Full Marks in 3 science Subjects

**References:**  
Available upon request