**Name:**

[Zain Shahid]

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**Career Objective**:

A proactive and detail-oriented Data Science undergraduate with a strong foundation in machine learning, statistical analysis, and software development. Eager to apply skills in Python, R, and AI to solve complex problems and contribute to innovative data-driven solutions in a challenging technical environment.

**Education**:

Bachelor of Science in Data Science National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad Expected Graduation: June 2027 Relevant Courses: Data Structures, Introduction to Data Science, Advanced Statistics, Database Systems, Data Analysis and Visualization

**Skills**

* Programming Languages: Python, R, C++, C#, SQL, Assembly Language
* Data Science & ML: Pandas, NumPy, Matplotlib, Scikit-learn, NLTK
* Web & Database: Node.js, Flask, MySQL
* Developer Tools: Git, VS Code, Jupiter Notebook
* Technical Skills: Machine Learning, Artificial Intelligence, Data Analysis and Visualization
* Soft Skills: Content Writing, Digital Marketing, Team Collaboration
* Languages: English, Urdu

**Experience / Internships:**

* AI/Machine learning intern, AI GenMat, Islamabad

June 2025 – August 2025

* Developed a Convolutional Neural Network (CNN) model for feature extraction and classification of Diabetic Retinopathy from medical images. Achieved 80% accuracy in classification.
* Engineered and validated a machine learning model to predict loan default risk, improving the accuracy of financial risk assessment.

**Projects**:

* Conducted a comprehensive analysis of global inflation trends using R, employing statistical modeling and data visualization to identify key economic patterns and correlations across different countries.
* Built a sentiment analysis tool using Python, Pandas, and NLTK to classify text data. The project involved data preprocessing, feature engineering, and model training to accurately predict sentiment.
* Designed and deployed a full-stack web application for event creation, registration, and management. Developed a RESTful API using Node.js and Express.js and designed a relational database schema in MySQL to handle user data, event details, and attendee information
* Engineered a content-based recommendation system using Python and the MovieLens dataset. Leveraged Pandas for data wrangling and Scikit-learn to implement cosine similarity, generating personalized movie suggestions based on user ratings and genres.

**Achievements & Extracurriculars**

* Completed Community Engagement Project at Pehli Kiran (April 2025)
* Certified in Digital Marketing from Digiskills.pk (September 2023)
* Winner, International Kangaroo Linguistic Contest (IKLC) in Essay Writing (September 2021)
* Participant, Space Technology Workshop, Institute of Space Technology (May 2018)

**References:**

Available upon request.