**Ali Khan**  
**(Artificial Intelligence Developer)**  
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**EDUCATION**

**National University of Sciences and Technology (NUST)**  
BSc in Computer Science | (2021-2025) | Islamabad, Pakistan

**Froebel's International School**  
A-LEVEL | (2019-2021) | Islamabad, Pakistan

**Government High School**  
Secondary School Certificate | (2017-2019) | Islamabad, Pakistan

**SKILL SUMMARY**

* **Programming Languages:** Python, Java, C++
* **Frameworks & Libraries:** TensorFlow, Keras, PyTorch, OpenCV, Numpy, Scikit-learn
* **Platforms:** Jupyter Notebook, Anaconda, Visual Studio Code
* **Databases:** MongoDB, MySQL, PostgreSQL
* **Tools:** Git, Docker, Excel, PowerPoint
* **Soft Skills:** Critical Thinking, Team Collaboration, Adaptability
* **Additional Skills:** Natural Language Processing, Machine Learning, Data Visualization, RESTful APIs

**WORK EXPERIENCE**

With over 3 years of experience in artificial intelligence and machine learning, I have developed a strong foundation in creating intelligent systems. My background includes both backend and frontend development, utilizing frameworks and libraries that drive AI solutions.

**PROJECTS**

* **Smart Traffic Management System**  
  Developed an AI-based system to optimize traffic flow using real-time data analysis and predictive modeling.
* **Virtual Personal Assistant**  
  Created a virtual assistant application using natural language processing techniques to understand user queries and provide responses.
* **Emotion Detection System**  
  Designed a deep learning model to analyze facial expressions and classify emotions using OpenCV and TensorFlow.
* **Personalized Learning Platform**  
  Developed an adaptive learning platform that recommends study materials based on user performance and preferences.
* **Portfolio Website**  
  Built a personal portfolio website to showcase my projects and skills, employing responsive design principles and modern frontend technologies.

**CERTIFICATES**

* **Artificial Intelligence and Deep Learning**  
  Completed a specialized course focusing on AI principles, deep learning frameworks, and neural network architecture.
* **Data Science Bootcamp**  
  Awarded for completing an intensive bootcamp that covered data analysis, visualization, and machine learning fundamentals.
* **Backend Development with Django**  
  Finished a comprehensive course on Django, emphasizing backend architecture, API development, and database integration.