

# MUHAMMAD AHMED

ARTIFICIAL INTELLIGENCE ENGINEER

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## SUMMARY

A dedicated AI professional with a passion for transforming data into actionable insights. Over the course of my journey, I've worked on both, discriminative and generative models. I also design intelligent systems, and tackled real-world challenges in Machine Learning, Deep Learning, and Natural Language Processing. Having completed certified programs from Stanford and Meta, I am on a never-ending quest for knowledge. I am more than ready to leverage my AI skills and step into larger roles where I can make a difference with great projects and take AI implementation further than it has ever been taken.

## EDUCATION

### UNIVERSITY OF MANAGEMENT AND TECHNOLOGY

Bs Artificial Intelligence | CGPA: 3.63

Lahore, Pakistan

(2021 - 2025)

### PAKISTAN INTERNATIONAL SCHOOL JEDDAH

Pre-Engineering

Jeddah, Saudi Arabia

(2019 - 2021)

## PROFESSIONAL SKILLS

- Programming & Web Development:** Python, C++, JavaScript, Html, CSS, Flutter
- AI Tools & Frameworks :** TensorFlow, Keras, Scikit-learn, NLTK, SpaCy, Hugging Face Transformers, OpenCV, Yolo
- Data Analysis, Visualization & Databases:** Pandas, NumPy, Matplotlib, Seaborn, Neo4j, MySQL
- Cloud & DevOps Tools:** Microsoft Azure, Google Cloud AI Platform, Git, GitHub
- Data & Documentation Tools:** Microsoft Excel, Microsoft PowerPoint

## WORK EXPERIENCE

### UNIVERSITY OF MANAGEMENT AND TECHNOLOGY

Teacher Assistant

Lahore, Pakistan

(2024 - Present)

As a Teaching Assistant for Deep Learning and Neural Networks, I supported the Professor by managing course content, assisting students, and developing instructional materials. I collaborated on updating course materials and managed classroom logistics.

### UNIVERSITY OF MANAGEMENT AND TECHNOLOGY

Peer Tutor

Lahore, Pakistan

(2022 - 2024)

- Conducted 20+ lectures and facilitated learning sessions in Machine Learning and Deep Learning, covering algorithms, data preprocessing, and neural networks (CNNs, RNNs, generative models), leading to an improvement in student performance by 30% on assessments.
- Provided guidance in Programming Fundamentals to over 50 students, enhancing their understanding of coding principles and problem-solving strategies, resulting in an 85% satisfaction rate from student feedback.

### BRITISH AIRWAYS

British Airways Data Science Job Simulation

Remote

(2023 - 2023)

- Simulated British Airways customer reviews, achieving an 80% accuracy rate in sentiment analysis.
- Scraped and analyzed over 2,000 customer reviews to identify key trends, providing insights that led to recommendations for improving customer satisfaction.
- Developed a predictive machine learning model with an accuracy of 90% to understand buying behavior factors, aiding marketing strategies.

## CERTIFICATIONS

OpenCV Bootcamp | [Link](#)

Machine Learning Specialization | [Link](#)

Generative Ai For Everyone | [Link](#)

Product Management: Building AI-Powered Products | [Link](#)

Version Control | [Link](#)

Programming in Python | [Link](#)

## PROJECTS

IELTS BAND ASSESSMENT TOOL | [Link](#)

VOICE CONTROLLED SMART HOME SYSTEM | [Link](#)

STROKEVISAGE: ACUTE AND NON-ACUTE STROKE FACE RECOGNITION | [Link](#)

PAKISTAN 2024 ELECTION PREDICTION | [Link](#)

COVID-19 DIAGNOSIS USING X-RAYS IMAGES | [Link](#)