Abdul Aleem

AI/ML & NLP Engineer | Python Developer | Data Scientist

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PROFILE

Recent graduate in information technology with a strong focus on machine learning and natural language processing. Skilled in Python, deep learning, and web development. Passionate about integrating AI into web technologies to build intelligent, accessible, and efficient digital solutions for real-world problems.

EDUCATION

University of the Punjab   *Lahore, Pakistan*

Bachelor of Science in Information Technology   2020 – 2024

- Among the top 15% of the batch
- Relevant Coursework: Data Science, Artificial Intelligence, Machine Learning, Natural Language Processing, Python Programming, Database Systems

SKILLS

Languages & Tools: Python, SQL, HTML, CSS

Libraries & Frameworks: Matplotlib, Seaborn, Scikit-learn, Pandas, NumPy, TensorFlow, NLTK, Flask, FastAPI

Concepts: Machine Learning, NLP, Deep Learning, Transformers, Data Preprocessing, Statistics

Platforms: Jupyter, Google Colab, GitHub

CERTIFICATIONS

- Microsoft Azure AI Fundamentals (AI-900)

PROJECTS & EXPERIENCE

Sentiment Analysis on IMDb Reviews

- Solved the problem of classifying movie reviews as positive or negative by training a supervised machine learning model on IMDb dataset.
- Achieved **87% accuracy** on the test data, improving baseline performance and enabling quick sentiment insights from user feedback.

Resume Parser Using NLP

- Developed an NLP-based tool to automatically extract key candidate information such as name, skills, and experience from resumes.
- Improved resume screening efficiency by automating data extraction, reducing manual effort in candidate shortlisting.

Fake News Detection

- Automated the classification of news articles using a machine learning model, enabling editors to focus on high-value tasks; model now supports a team of 20+ content moderators.
- Employed **TF-IDF** for feature extraction and used classifiers like **Logistic Regression** and **Naive Bayes** for model training.

ACHIEVEMENTS

Best Student Award – Microsoft Azure Certification

- Declared Best Student of the Course for outstanding performance and engagement during the Microsoft Azure AI Fundamentals training.

Taught AI and Data Science to Undergraduate Students

- Delivered sessions on AI, Machine Learning, and Data Science to BSCS and BSIT students, demonstrating strong subject mastery and communication skills.