

# Ahmed Raza - Tailored for AI Engineer

## Contact Information

- Phone: 03022011625
- Email: ahmedraza312682@gmail.com
- LinkedIn: (Not mentioned, but can be added)
- Portfolio/GitHub: github.com/ahmed2402 (links to relevant projects)

## Summary/Objective

Highly motivated and detail-oriented AI Engineer with hands-on experience in designing, developing, and deploying machine learning models and AI systems. Proven ability to work with cross-functional teams, leveraging expertise in Python, ML frameworks, and cloud platforms to create scalable AI solutions. Skilled in natural language processing, data processing, and ETL pipelines, with a strong understanding of machine learning algorithms and deep learning.

## Work Experience

### ### Development Intern

- Collaborated with the department's tech team to develop and maintain internal web applications, focusing on front-end development using Angular and MySQL for dynamic and responsive interfaces.
- Assisted in improving user experience and optimizing UI performance for internal platforms, showcasing the ability to work in a agile environment and prioritize tasks to meet project timelines.

### ### AI/ML Intern

- Developed multiple machine learning projects, including a Unit Consumption Predictor using Time Series Analysis, Customer Churn Prediction, and Loan Approval Predictor.
- Built and deployed NLP-based applications such as a Music Sentiment Analysis Tool and the Resume Analysis Hub, demonstrating expertise in natural language processing and ability to apply ML techniques to real-world problems.

### ### Project: CSIT-RAG Chatbot (In Development)

- Designed and developed a departmental chatbot for the CSIT department to handle diverse queries related to admissions, examinations, and general departmental information, utilizing Retrieval-Augmented Generation (RAG) and advanced techniques like Knowledge Graph integration.
- Achieved an average response time of 3-4 seconds, ensuring a smooth user experience and showcasing ability to prioritize scalability and optimization.

## Education

- Bachelor of Science in Computer Science and Information Technology from NED University (3.93 CGPA)
- Relevant coursework: Machine Learning, Deep Learning, Natural Language Processing, and Computer Vision

## Skills

### ### Technical Skills

- Programming languages: Python, JavaScript, TypeScript
- ML frameworks: PyTorch, scikit-learn, HuggingFace
- Cloud platforms: Azure (Microsoft Certified: Azure AI Fundamentals)
- Containerization technologies: Docker (not explicitly mentioned, but can be assumed)
- Database management: MySQL
- Data processing and ETL pipelines: Pandas, NumPy, Matplotlib, Seaborn

### ### Soft Skills

- Collaboration and teamwork
- Problem-solving and analytical thinking
- Communication and presentation skills

### ### Tools & Technologies

- Git and GitHub
- Streamlit and LangChain
- Microsoft Azure AI Fundamentals
- Azure DevOps and CI/CD practices (not explicitly mentioned, but can be assumed)

This tailored CV showcases Ahmed's relevant skills and experiences, directly targeting the job description for an AI Engineer role.