

Ahmed Raza - Tailored for AI Engineer

Contact Information

- Phone: (Insert Phone Number)
- Email: ahmedrazagmail.com
- LinkedIn: (Insert LinkedIn Profile)
- Portfolio/GitHub: github.com/ahmed, github.com/ahmedresumeanalysisishub

Summary/Objective

Highly motivated and detail-oriented AI Engineer with a strong background in machine learning, natural language processing, and computer science. Proven ability to design, develop, and deploy real-world AI solutions, including a sentiment analysis tool and a chatbot system. Skilled in modern web technologies like Angular and Python, with a strong proficiency in data-driven applications.

Work Experience

- ****AI/ML Intern**** at CSIT Department (January 2023 - Present)
 - Designed and developed multiple machine learning projects, including a unit consumption predictor using time series analysis and a customer churn prediction model.
 - Built and deployed an NLP-based application for music sentiment analysis tool and resume analysis hub, showcasing expertise in feature engineering, model evaluation, and performance optimization.
 - Collaborated with a cross-functional team to integrate models with user-friendly interfaces and dashboards, ensuring seamless user experience.
 - Implemented best practices in time series analysis, including trend and seasonality detection, data preprocessing, and evaluation metric accuracy, resulting in improved prediction performance.
- ****AimL Intern**** at NCL (June 2022 - August 2022)
 - Developed a time series forecasting model using historical data to predict electricity unit consumption for the upcoming month, showcasing expertise in advanced forecasting techniques.
 - Designed a practical deployment enabling facility managers to make data-driven energy planning and optimization decisions.
 - Applied advanced techniques like knowledge graph integration to improve query understanding and information retrieval in a chatbot system.
- ****CSITRAG Chatbot Development**** at CSIT Department (Ongoing)
 - Designed and developed a departmental chatbot to handle diverse queries related to admission, examination, and general departmental information.
 - Implemented retrieval-augmented generation (RAG) using LangChain to enable accurate context-aware responses, structured and unstructured departmental data.
 - Leveraged advanced techniques like knowledge graph integration to improve query understanding and information retrieval.

Education

- ****Bachelor of Science in Computer Science and Information Technology**** from NED University Karachi (CGPA: [Insert CGPA])
- Relevant coursework: Machine Learning, Natural Language Processing, Computer Vision, and Data Mining.

Skills

Technical Skills

- Programming languages: Python, JavaScript, and TypeScript
- Frameworks: TensorFlow, PyTorch, and Scikit-learn
- Cloud platforms: AWS, GCP, and Azure
- Containerization technology: Docker
- Data processing: ETL pipelines and data warehousing
- Version control systems: Git and GitHub
- MLOPs practices: Model deployment, monitoring, and optimization
- Distributed computing frameworks: Hadoop and Spark
- AI and ML libraries: OpenCV, NumPy, pandas, and scikit-learn

Soft Skills

- Strong problem-solving skills and ability to work in a fast-paced environment
- Excellent communication and collaboration skills
- Ability to adapt to new technologies and methodologies
- Strong attention to detail and commitment to code quality and testing

Tools & Technologies

- Angular and modern web development
- Flask, MySQL, and data-driven applications
- Natural Language Processing (NLP) and computer vision
- Machine learning and deep learning techniques
- Scikit-learn, TensorFlow, and PyTorch
- Hugging Face and LangChain for NLP and generation
- Git, GitHub, and CI/CD practices
- Microsoft Azure AI Fundamental certification and Data Scientist certification from PITP