**Mohammad Faseeh Ahmed**

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**EDUCATION**

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**Rochester Institute of Technology**, Rochester, NY, M.S in Data Science Expected May 2025

**Coursework: Neural Networks**, Software Engineering for Data Science, Applied Statistics. GPA: 3.84/4.00

**Jawaharlal Nehru Technological University Hyderabad**, B.Tech in Computer Science July 2018 - July 2022

**Coursework: Data Structures and Algorithms**, Computer Vision, Artificial Intelligence, NLP GPA: 3.2/4.00

**SKILLS**

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**Programming Languages:** Java, Python, Object Oriented Programming

**Frameworks:** PyTorch, Keras, TensorFlow, Flask, React, NodeJS

**Databases:** SQL, MongoDB, PostgreSQL

**ML Algorithms/Techniques:** Deep Learning, NLP, A/B Testing, ETL

**PROFESSIONAL EXPERIENCE AND INTERNSHIPS**

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**Daiichi Sankyo Inc, Basking Ridge, NJ - R&D Data Governance Intern 03/2024 - Present**

* Developed ICF analysis tool with BERT and T5 models, enhancing classification accuracy by 20%.
* Implemented Large Language Models (LLMs) with Amazon Bedrock, improving inference times by optimizing EC2.
* Led migration of clinical data to Redshift, ensuring data accuracy and accessibility.
* Collaborated on tool alignment with data-sharing policies and compliance standards.

**SEO Content AI, Los Angeles, CA - AI Infrastructure Engineer Nov 2022 - July 2023**

* Enhanced content efficiency by 25% with transformer integration in AWS microservices.
* Developed Chrome extension for content quality, boosting speed by 40%.
* Conducted A/B testing with various models like GPT-3.5 for optimized content creation.
* Implemented NLP algorithms for grammar correction, enhancing user trust.

**White Label Resell, Los Angeles, CA - Machine Learning Engineer June 2022 - March 2023**

* Automated article generation with AWS Lambda, achieving 60x cost reduction.
* Integrated NLP models for contextual understanding, improving content quality.
* Explored generative models like GPT-3 for diverse content creation.
* Employed MLOps practices for model development and deployment.

**Digital Clinics Research and Services, Hyderabad, India - Data Scientist Intern Nov 2021 - Dec 2022**

* Developed image classification system with TensorFlow for cancer detection in histopathological images.

**Engineered a custom segmentation solution with Detectron2 for precise tumor delineation, leveraging QuPath and Groovy**

* Implemented YOLOv5 for automated screening of pathological slides with OpenCV.
* Led integration of MLOps practices using Docker and AWS for scalable AI solutions.
* Mentored junior colleagues on ML projects, enhancing team expertise.

**Edgeforce Solutions, Hyderabad, India - Data Scientist Intern Nov 2021 - Feb 2022**

* Built YOLOv5-based object detection system with 90% accuracy and user-friendly interface.