

Fiza Gafoor M

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Nationality: Indian | Location: Doha, Qatar | Date of Birth: 07 July 2000

Professional Summary

AI Engineer with 1+ years of experience in designing, deploying, and optimizing AI/ML models for real-world applications. Expertise in NLP, computer vision, OCR, and cloud-based AI solutions. Skilled in Python, TensorFlow, PyTorch, and AI/ML. Passionate about automating workflows, improving model accuracy, and integrating deep learning models into production environments.

Education

- **M.Sc. in Computer Science with Specialization in Data Analytics**
Digital University Kerala 2022 – 2024
- **B.Sc. in Statistics**
Farook College (Autonomous), Calicut 2019 – 2022

Work Experience

AI Engineer – Innovation Incubator Advisory Aug 2024 – Present

- Developing a chatbot using AWS Bedrock, currently in its initial phase to automate workflows and enhance user interaction.
- Optimized the Appraisal Digitization Tool (ADT) pipeline to resolve production challenges.
- Conducted research on state-of-the-art deep learning models for document processing.
- Deployed models for document classification and information extraction.
- Configured TensorFlow Serving and FastAPI for model deployment.

AI Engineer Intern – Innovation Incubator Advisory Feb 2024 – Aug 2024

- Built Named Entity Recognition (NER) models using SpaCy and fine-tuned OpenAI GPT-4.
- Worked on OCR pipelines and document classification for insurance data processing.
- Conducted sentiment analysis on disaster tweets using NLP techniques.

Data Science Virtual Intern – OASIS-INFOBYTE Sep 2023 – Oct 2023

- Developed ML models for car price prediction, email spam detection, and Iris flower classification.

Research Intern – UNNATHI (IIM-Kozhikode) Mar 2022 – Mar 2023

- Assisted in data collection, analysis, career mentoring, and event coordination.

Technical Skills

- **Programming:** Python, SQL
- **ML/DL Frameworks:** TensorFlow, PyTorch, Scikit-learn, Keras
- **NLP Tools:** SpaCy, OpenAI GPT-4, BERT, Gemini
- **OCR Tools:** Tesseract, PaddleOCR, AWS Textract