FAZNI FAROOK

AI/ML Engineer

@ faznifarook@gmail.com 📞 +94 757502298 in Farook Fazni | LinkedIn HuggingFace Github Portfolio

EXPERIENCE

Associate Engineer - AI/ML (FULL-TIME)

Virtusa Pvt Ltd

📅 Dec 2022 – Present 📍 Dr Danister De Silva Mawatha, Colombo

- **AI Tailored Resume Generation**: Developed an AI-driven tool to generate resumes tailored to job descriptions (JDs) while ensuring accuracy. - Extracted critical elements such as skills, experience, and projects to match JD requirements. - Utilized **Azure OpenAI**, **LangChain**, and **Streamlit** for natural language processing, data extraction, and interface development.

- **Attrition Prediction**: - Led data preprocessing tasks in **Azure Synapse Analytics** using **PySpark**, ensuring efficient and scalable data transformations. - Designed and optimized data pipelines with **Azure Synapse Pipelines**, enhancing workflow performance and reliability. - Streamlined integration with Oracle systems, improving system efficiency and data processes. - Utilized **Power BI** to create visually appealing and insightful data reports. - Managed data storage and analytics using **Azure Blob Storage**, **Oracle Bucket Storage**, and the **Oracle Data Science Platform**. - Applied **Agile methodologies** (Scrum), actively participating in daily standups, sprint planning, and retrospectives. - Leveraged **Azure DevOps** for managing tasks, user stories, and backlogs to ensure streamlined workflows and timely deliveries.

AI Engineer (PART-TIME)

Datazentist Solution

📅 Aug 2023 – present 📍 66/2 Joseph Dias Mawtha, Colombo 15

- **Video Analysis using Generative AI**: Implemented a video analysis solution using **GenAI Multimodal** to extract detailed information from user-submitted videos. Focused on analyzing visual and contextual elements to derive actionable insights for specific use cases.

- **AI Persona for Businesses**: Created a personalized AI assistant tailored to business needs, integrating tools such as **Make.com**, **Microsoft Power Automate**, **WhatsApp Business API**, **Meta API**, **OpenAI Assistant**, and **ElevenLabs** for audio generation. Delivered custom solutions to enhance customer engagement and streamline business interactions.

EDUCATION

B.Sc(Hons) Computer Science and Technology

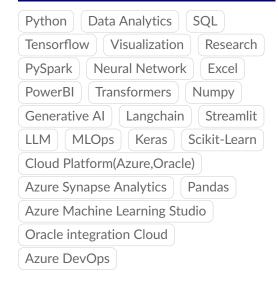**Uva Wellassa University of Sri Lanka**

📅 2018 – 2022

REFERENCE

Viduruwan Suvinith

Architect - Technology

📅 2012-present 📍 Virtusa PVT LTD

mobile: +94714448514

SKILLS

Python | Data Analytics | SQL | Tensorflow | Visualization | Research | PySpark | Neural Network | Excel | PowerBI | Transformers | Numpy | Generative AI | Langchain | Streamlit | LLM | MLOps | Keras | Scikit-Learn | Cloud Platform(Azure,Oracle) | Azure Synapse Analytics | Pandas | Azure Machine Learning Studio | Oracle integration Cloud | Azure DevOps

STRENGTH

- Analytical Skills
- Programming Proficiency
- Problem-Solving Ability
- Data Engineering
- Deep Learning Expertise
- Cloud Computing Skills
- Collaborative Team Player
- Continuous Learning

PROJECTS

Resume Filter using Skills

Self Project

📅 Nov 2023 – present

- Developed a role prediction model using Hugging Face's pre-trained model.
- Trained the model on a custom dataset with diverse skills and associated roles.
- Integrated the model into a user-friendly interface using Streamlit.
- Implemented LangChain for advanced natural language processing capabilities.HuggingFace Space Link
- Used Google PALM API to enable dynamic Question-Answering (QA) based on resume content.
- Ongoing project with continuous enhancements and refinements.
- Model and dataset hosted on Hugging Face for accessibility and collaboration.
- Technologies used: Hugging Face pre-trained model, Streamlit, LangChain, Google PALM API.