Fadil Risdian Ansori

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Experience

Insignia   **Jakarta, Indonesia**
Machine Learning Engineer   Oct 2024 - Present
- Developed a Text-to-SQL LLM application for Indonesia's largest oil company, enabling data retrieval via natural language.
- Built a customer support chatbot for a leading insurance company, improving user experience.
- Created a forecasting model for Indonesia's largest telecom company, enhancing demand prediction and planning.
- Deployed and fine-tuned open-source LLMs like LLaMA & DeepSeek on AWS SageMaker & Bedrock

Perqara   **Jakarta, Indonesia**
Data Scientist   Mar 2023 - Oct 2024
- Led web scraping projects to gather notary data across Indonesia.
- Built time series forecasting models to achieve CEO performance targets.
- Initiated MLOps practices to streamline ML development and deployment.
- Developed sentiment analysis models to analyze user feedback.
- Implemented a freemium document validation service using PaddleOCR, FastAPI, and OpenAI LLM.

Nodeflux   **Jakarta, Indonesia**
Artificial Intelligence Engineer Intern   Aug 2022 - Dec 2022
- Interned at Nodeflux, a company specializing in AI and computer vision solutions, and developed a system to count the number of people in an area and provide their gender, age range, and attributes as a new product.
- Designed and deployed computer vision applications using PyTorch, Docker and Streamlit.
- Improved model performance with Active Learning and FiftyOne and tracked training progress with MLFlow.

Education

IPB University   **Bogor, Indonesia**
Undergraduate, Computer Science - GPA: 3.24   Aug 2018 - Dec 2022

Bangkit Academy By Google, Tokopedia, Gojek, & Traveloka   **Indonesia**
Machine Learning Path   Jan 2022 - Jul 2022

Skills

Programming Language: Python
Tools: SQL, PostgreSQL, Linux, Docker, FiftyOne, Streamlit, OpenCV, MLFlow, Pandas, Numpy, Matplotlib, Tensorflow, Keras, PyTorch, and Scikit-Learn, Airflow, Google Cloud Computing, Amazon Web Services, Dify, Opensearch, Redshift
Applied ML: LLM, RAG, Prompt Engineering, finetuning, classification, forecasting, image classification, object detection, clustering, and prediction.

Course Certifications

Coursera   **2022**

- DeepLearning.AI TensorFlow Developer Credential
- TensorFlow: Data and Deployment Credential