

# ABDURAHIMAN

## Python Web & AI Developer

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## PROJECTS

### BUILDING RULE GUIDE

- Developed a building rule Q&A System using utilizing Llama-2-7B-chat-GGML
- Implemented the LangChain framework to streamline the development process, enabling seamless integration of large language models into the system.
- Used FAISS as the underlying vector database, facilitating efficient data storage and retrieval for the Q&A System.
- Utilizing the Streamlit framework, I crafted a straightforward and user-friendly frontend interface for effortless interaction

### GEMINSIGHT

- Developed a data analytical tool with the Gemini-pro-vision (multimodal)
- I utilized Autoviz library for effortless and instant visualization of the dataset, producing variety of graphs and plots with minimal effort
- The visual representation of the dataset is given into the Gemini-pro-vision model to extract detailed dataset information and statistical insight
- I leveraged Streamlit to develop simple user-friendly frontend interface

### BLOOD\_DONATION\_SYSTEM

- Developed a User-friendly Blood donation system
- I utilized FastApi framework for backend which provide API end-points
- Pydantic schema and sqlalchemy makes the data validation and data storing and retrieval

- Postgresql used as database for storing donors detail and hospital records
- Front-end is built using html, tailwind,and javascript in a way easy for everyone

## SKILLS

- Languages: Python, html, css, javascript
- Framework/libraries: Bootstrap,Streamlit, fastapi, LangChain, Pandas,Numpy,Scikitlearn
- Databases: PostgreSQL
- Domain Skills: Web Development, API development, (Machine Learning, Deep Learning, RAG) integration, git

## EDUCATION

BCA (Yenapoya University)

2022