Owolabi Akintan

Full Stack Developer & Gen AI

Phone: 08120385367

Email: owolabidevelop84@gmail.com

LinkedIn: www.linkedin.com/in/owolabi-akintan-73645a230

GitHub: https://github.com/owolabi-develop

Website: https://my-latest-portfolio-pi.vercel.app/

Professional Summary:

Innovative Full-Stack Developer & Data Engineer with 5 + years of experience in designing scalable solutions and developing cutting-edge Generative AI applications. Proficient in Python and cloud technologies, with a proven ability to solve complex problems, think critically, and iterate rapidly. Passionate about creating AI-driven solutions that drive business growth and enhance user experiences.

Objective:

To design and implement innovative Full Stack Python solutions and cutting-edge Generative AI applications that drive business growth, enhance user experiences, and unlock new opportunities through creative problem-solving and rapid iteration.

Core Competencies:

- **Programming**: Python, JavaScript,Typescript
- **Generative AI**: LangChain, langgraph OpenAI, Cohere,Google Gemini
- **Data Engineering**: ETL pipelines, Snowflake, AWS Glue
- **Web Development**: Django REST Framework,
- **Big Data**: Apache Kafka, Spark, Airflow
- **Visualization**: Power BI, Matplotlib
- **Cloud & DevOps**: AWS, Docker, Prefect
- **Databases**: PostgreSQL, MongoDB, DynamoDB
- **Vector database:** Pinecone, Weaviate,SingleStoredb,Chroma, Supabase

Professional Experience:

Lead Developer | CultureLancer | Remote

September 2024 - November 2024

- Lead the development of a **full job portal** designed to streamline job searches and enhance the experience for both applicants and employers.
- Integrated features for **applicant resume optimization** using **AI-driven LLMs**, allowing applicants to upload, refine, and tailor their resumes for specific job applications.
- Developed seamless functionality for employers to post jobs, view applicants, and manage job listings.
- Implemented an intuitive user interface that connects applicants with relevant job opportunities and employers with suitable candidates.
- Utilized cutting-edge technologies to enhance the portal's performance, security, and scalability, ensuring a smooth and efficient user experience.
- Worked closely with cross-functional teams to deliver a user-centric platform that maximizes both applicant success and employer recruitment efficiency.

Data Engineer | Context Data

*Chicago, IL (*November 2023 - 2024*)*

- Designed and deployed efficient data pipelines, boosting processing performance by 30%.
- Automated ELT workflows using **Snowflake** and **dbt**, achieving a 95% data integration success rate.
- Developed Etl workflows to extract actionable insights from daily news articles.
- Implemented an AWS Glue-based data catalog, improving data discovery by 40%.
- Designed and implemented a **Retrieval-Augmented Generation (RAG)** system that allows users to upload documents (PDF and Word formats), ask questions, and receive model-generated responses. The system integrates document retrieval and AI-generated responses, providing direct links to relevant sections of the document, enabling users to easily navigate and view corresponding pages. Enhanced user interaction and document comprehension by combining state-of-the-art AI models with document search and retrieval.

Junior Data Engineer | TraccSystems

London, UK (February 2022 – November 2023)

- Built real-time data pipelines using **Apache Kafka** and **Spark** to process 10,000+ daily records.
- Designed and implemented a data catalog using AWS Glue and Amazon S3, with a focus on data discovery and data governance.
- Reduced data cleansing time by 30% through optimized ETL workflows.

Intern Data Engineer | Saga Pharmaco Inc.

Nigeria (January 2019 – December 2021)

- Collaborated on building data pipelines and dashboards using **Power BI** and **AWS Glue**.
- Gained hands-on experience with big data tools to streamline data processing.
- Proactively identified and resolved data quality issues, driving a 20% improvement in reporting accuracy.

EDUCATION: - Higher National Diploma (HND) in Computer Science, Yabatech College of Technology, Lagos State, Nigeria