Offiong Bassey

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■ Profile

Accomplished Software Engineer with over 3 years of experience in backend development, data engineering, and AI/ML. Adept at leading distributed teams, delivering high-impact solutions, and driving innovation in tech startups. Passionate about solving complex problems through data and systems design. A strong communicator with a proven ability to operate independently and in cross-functional teams.

■■ Skills

Languages: Python, JavaScript (Node.js), SQL, Bash
ML/AI: scikit-learn, TensorFlow, OpenCV, LangChain, GPT APIs
Data: Pandas, NumPy, PostgreSQL, MongoDB, Redis
Cloud: AWS (Lambda, S3, ECS), GCP, Vercel
Tools: Docker, Git, Airflow, CrewAI, Streamlit, FastAPI
Other: Prompt Engineering, LLM Agent Design, RESTful APIs, Microservices

■ Experience

■ Tech Lead / AI Engineer

Stealth Fintech Startup (Remote)

Jan 2023 – Present

- Built and deployed AI agents for automating loan decisioning using CrewAI and LangChain.
- Led architecture of a scalable backend using FastAPI, PostgreSQL, and Redis.
- Integrated OpenAI APIs to provide explainable credit decisions.
- Delivered 20% faster lending decisions and reduced manual errors by 35%.

■ Data Engineer & ML Developer

Health Analytics Co.

Jun 2021 – Dec 2022

- Designed a predictive model for patient re-admission using scikit-learn and Pandas.
- Managed ETL pipelines to process 10M+ patient records weekly.
- Contributed to HIPAA-compliant deployment on AWS using Docker & ECS.
- Led a team of 3 developers in transitioning the legacy system to a modern data stack.

■ Backend Engineer

Remote Contract Projects

Jan 2020 – May 2021

- Built APIs and data pipelines for multiple startups.
- Used FastAPI and Node.js to build scalable systems.
- Built real-time analytics dashboard using Streamlit for client use.

■ Projects

■ Virtual Resource Room

- Designed and built a multi-user platform for university students using Next.js and Node.js.
- Implemented image/video processing and real-time features.

■ Resume + Job Matching AI Agent

- Built an autonomous agent pipeline using CrewAI to scrape, analyze, and match resumes with job postings.

- Enabled auto-personalized applications and interview prep.

■ Education

B.Sc Computer Science
University of Calabar, Nigeria

■ Certifications

- Machine Learning by Stanford (Coursera)
- AWS Certified Cloud Practitioner
- LangChain Agent Design (Unofficial Course)

■ Traits

- Autonomous, Innovative, Detail-Oriented
- Experienced in Remote Collaboration
- Startup & Growth-Focused

Wao! You've reached this part? I appreciate your time and visit. I'm open to collaborate, learn and build. Hit me up - offiongbassey@gmail.com