Bada Mobolaji

✉ badabolaji@gmail.com

📞 +2347035849472

📍 Nigeria

○ https://github.com/Mobolaji098

○ https://github.com/Mobolaji-Github

PROFILE

An experienced and forward-thinking software engineer, skilled in developing resilient and scalable solutions, with expertise in AI software engineering. Proficient in backend development, API integration, and cloud services.

PROFESSIONAL EXPERIENCE

Exquisite Logistics, Backend Engineer   Jan 2024 – Feb 2024

Developed and maintained RESTful APIs using Flask for efficient logistics operations.

Designed and optimized SQL databases for robust data management.

Managed AWS cloud infrastructure for scalable and secure solutions.

Implemented microservices for modular and scalable system architecture.

Ensured data security and compliance through advanced security measures.

Automated testing and CI/CD pipelines for continuous delivery.

Successfully migrated to microservices, enhancing scalability.

Cut cloud infrastructure costs by 30% with efficient AWS resource management.

Barterway, Co-founder / CTO   Feb 2023
                                                                   Nigeria

Project Lead: Developed a platform with 1,000+ downloads, available on Play Store and App Store. www.barterway.tech ⧉

Backend Engineering: Built scalable Express.js backend, integrated MongoDB, and implemented Redis caching.

Secure Transactions: Integrated Paystack and Flutterwave APIs.

DevOps: Deployed on AWS Elastic Beanstalk, achieving 99.9% uptime, with CI/CD via AWS CodePipeline.

High Availability: Maintained <1% downtime, with robust server monitoring reducing critical incidents by 25%.

Finance app (Freelance Partnership), AI and Backend Engineer   Apr 2023 – Aug 2023
                                                                   Nigeria

Developed a financial app: Utilized Flask, PostgreSQL, LangChain, and ChatGPT API, achieving a 50% improvement in user credit scores.

Roles: Backend Engineer, AI Engineer, Machine Learning Expert.

Key Achievements:

- Enhanced financial literacy for 5,000+ users.
- Achieved a 60% increase in user engagement through personalized AI-driven guidance.
- Implemented a credit scoring system impacting 70% of active users.
- Integrated APIs and optimized database performance, handling 10,000 daily queries.

Cecure intelligence Limited, Cloud Data Engineer   Jul 2022 – Dec 2022
                                                                   london, England

Developed an AI-driven app using advanced technology and AWS cloud infrastructure to seamlessly organize photos, screenshots, and documents into user-friendly albums.

- Built full stack application using React (for web), React-Native (for mobile) and AWS cloud architecture.
- Responsibilities: security, latency, scalability.
- Created AWS infrastructures using AWS cloud formation.
- Worked on Secure API gateway endpoints - API Gateway and Lambda endpoints to connect the backend infrastructures.
- AWS cloud services used: (S3, DynamoDB, Rekognition, IAM, Cognito, Lambda, API gateway) .

Self-employment (Freelance), Backend and Cloud Engineer.   Jan 2020 – Jun 2022
- Creating client applications through paid projects on Upwork.

- Development of an Apple Wallet Pass Generator tailored to generate and manage digital passes such as boarding passes, coupons, and event tickets for storage in users' Apple Wallet apps.

- Building & Deploying Machine Learning models using Python, Flask, AWS (Personal project).

EDUCATION

University of Ilorin, Doctor of Veterinary Medicine   Oct 2010 – Sep 2017

Nigeria

SKILLS

Programming languages
Javascript, C++, Python3, YAML, SQL, Docker, Shell Scripting.

Relevant Courses
Machine Learning, Operation Research, Computer Programming, Data Structures, and Algorithm
AWS, Azure , Terraform, Ansible , Chef.

Relevant Technologies
Framework: ExpressJS, Next.js Flask, Django
Database: SQL, MongoDb, Firebase, Redis, Pinecone.
Webservers: Nginx, Apache.
Cloud Platforms: AWS
Containerization: Docker
AI: HuggingFace, Langchain, Streamlit, Gradio

Personal Development Training Certifications
Decision-Making With Full Business Responsibility
Environmental, Social, and Governance (ESG), & Strategic Alliance and Partnership
Management-By-Objectives, Performance Management & Appraisals
Convincing Negotiation, Selling and Corporate Etiquette
Entrepreneurship & Leadership Training
Self-management & Delegation Training

MOOC Courses & Certifications
Building Cloud Computing Solutions at Scale Specialization: Coursera
IBM Data Science Professional Certificate: Coursera
IBM Data Warehouse Engineer Professional Certificate: Coursera
Hands-on Introduction to Linux Commands and Shell Scripting: Coursera
Introduction to Agile Development and Scrum: Coursera

CERTIFICATES

- Applied Data Science Capstone ⧉

- IBM Data Science Specialization ⧉

- Databases and SQL for Data Science with Python ⧉

- Introduction to Data Science Specialization ⧉

- Data Science Methodology ⧉

- Tools for Data Science ⧉

- Data Visualization with Python ⧉

- Machine Learning with Python ⧉

- Data Analysis with Python ⧉

- Python Project for Data Science ⧉

- Python for Data Science, AI & Development ⧉