

Olusegun Tewogbade

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● ABOUT ME

Experienced Backend Software Engineer with 5+ years developing scalable financial services and API integrations. Specialized in Python, Node.js, MongoDB, and cloud-native architectures with proven expertise in Open Banking integrations, payment systems, and identity verification platforms. Successfully integrated with 15+ third-party financial APIs and led development teams in building robust, secure backend services for major banking clients.

● WORK EXPERIENCE

 **BVM DIGITAL** – ACCRA, GHANA

Website <https://genaiq-372988176344.us-central1.run.app/>

LEAD SOFTWARE DEVELOPER – 23/08/2024 – CURRENT

- Built scalable backend services using Node.js and MongoDB for an educational platform serving 10,000+ users, integrating a Langchain-powered adaptive learning agent with a React frontend that increased student engagement by 35% and personalized learning outcomes by 45%.
- Designed and deployed AI-powered solutions across real estate and hospitality industries, including customer support chatbots, lead generation systems, and appointment booking platforms that improved customer engagement by 40% and reduced operational response times by 55%.
- Developed and deployed an innovative mobile app using Google Gemini's image generation multimodal model, enabling users to try on clothing virtually, reducing e-commerce return rates by 35%.
- Led development team in building robust backend APIs and microservices that power multiple client applications, ensuring scalability, security, and high availability across diverse industry verticals..

 **FASYL TECHNOLOGY GHANA** – ACCRA, GHANA

SOFTWARE DEVELOPER – 18/06/2022 – 24/07/2024

- Designed and implemented RESTful APIs with Java Spring Boot, Python Flask, and Angular, enabling clients (primarily banks) to integrate with solutions like ACH, CTS, and electronic alert systems. Deployed these at over seven banks, including Access Bank Ghana and UBA Ghana.
- Integrated Apache Kafka with our services to improve transaction and alert service reliability, reducing response times by 60%.
- Transitioned several services from Python Flask to Java Spring Boot, enhancing system efficiency and reducing latency by 40%.
- Contributed to the mobile app for Agriculture Development Bank Ghana by developing backend endpoints with Python Flask and Node JS, and designing UI components with Flutter.
- Create and maintain technical documentation, including architecture, design, and code documentation.
- Provided regular updates to stakeholders and conducted training sessions for bank staff.

 **ABEYIE INNOVATION STUDIOS** – ACCRA, GHANA

Business or Sector Information and communication | **Website** <https://abeyiestudios.com/>

SOFTWARE DEVELOPER – 10/04/2023 – 26/06/2024

- Developed Android software using Flutter and Firebase, contributing to the company's mission of helping SMEs grow their businesses through the design thinking process.
- Gained proficiency in Android app development with Flutter, equipping myself with the latest technology for future Android program development.
- Collaborated with the user support team to ensure a smooth application launch, bridging the gap between the development team and end users.

- Defined use cases for the chatbot, such as user onboarding, customer training, and real-time customer support, by leveraging the bot's ability to be trained on company information.
- As a Volunteer Software Developer at Abeyie Innovation Studio, I had the opportunity to actively contribute to the company's mission of empowering SMEs through the application of design thinking processes.

● EDUCATION AND TRAINING

10/09/2018 – 07/06/2022 Sunyani, Ghana

BACHELOR OF SCIENCE Catholic University of Ghana

1. Ingressive for Good Campus Ambassador
2. Elected General Secretary for Information Communication Science and Technology in 2020 - 2021
3. Elected Class Representative of Computer Science class of '18
4. Member of Google Developer Group Accra Community.
5. GitHub Student Programme.
6. Member of the DEV community.

Address Fiapre, Sunyani Ghana, 233, Sunyani, Ghana | **Website** www.cug.edu.gh | **Field of study** Computer Science |

Final grade 3.45/4.00

● LANGUAGE SKILLS

Mother tongue(s): **YORUBA** | **ENGLISH**

● SKILLS

Programming Languages

Java | Dart | JavaScript | SQL | PL SQL | Python

Frameworks and Libraries

Angular | Flask | Spring Boot | Flutter

Tools and Platforms

Google Cloud Platform | Git | Kafka | Jenkins