

# OLUSEGUN TEWOGBADE

## Software Developer

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## SUMMARY

I am a passionate software developer with a knack for fintech, AI, and mobile app development. I have designed and implemented impactful solutions using Java Spring Boot, Python Flask, and Flutter. Whether it's leading a team, optimizing systems, or integrating AI to improve efficiency, I'm dedicated to solving real-world problems and making technology work for people.

## EXPERIENCE

### Consultant Programmer

#### FASYL TECHNOLOGY GROUP

📅 07/2022 - 07/2024 📍 Ghana

Fasyl Technology Ghana is a leading provider of financial solutions, offering advanced technologies for banks across 13 African countries.

- Designed and implemented RESTful APIs with Java Spring Boot, Python Flask, and Angular, enabling our clients, primarily banks, to integrate with our solutions such as the ACH, CTS and electronic alerts systems. Deployed these solutions at over seven banks, including Access Bank Ghana and UBA Ghana. Also worked extensively with Oracle Databases, SQL, and PL/SQL.
- Designed and deployed user account management, transaction management, loan management services, electronic alerts (SMS, Email), and statements using Java Spring Boot. These services are in production at OmniBSIC Ghana, Access Bank Ghana, Bloom Bank Africa Gambia, and Premium Trust Bank Nigeria. Provided ongoing support post-project implementation, either onsite or via remote connection.
- Integrated Kafka to resolve delays and failures in transaction and alert services, improving processing times and system reliability. This enhancement reduced response times by 60% and increased efficiency through topic-based subscription rather than direct database queries. Services are now running smoothly in the production environment for at least 80% of the organization's clients.
- Transitioned several services from Python Flask to Java Spring Boot to leverage Java's suitability for enterprise solutions. This shift enhanced system efficiency and reduced latency by 40%, significantly boosting overall system responsiveness and scalability.
- Contributed to the mobile app for Agriculture Development Bank Ghana by developing backend endpoints with Python Flask and designing UI components with Flutter. Collaborated with the team to enhance the app's functionality and user experience.
- Managed version control and documentation using Git, created and maintained detailed technical documentation, and developed project timelines. Provided regular updates to stakeholders to ensure project alignment and timely milestone delivery.
- Provided training and support by conducting sessions for bank staff on effectively using the deployed solutions, ensuring optimal utilization and user proficiency.

### Software Developer

#### Abeyie Innovation Studios

📅 04/2023 - 05/2024 📍 Accra, Ghana

Abeyie Innovation Studios is a dynamic technology firm specializing in developing and deploying innovative solutions for SMEs and entrepreneurs across Africa. I began my journey with Abeyie as a volunteer developer and transitioned to leading its newly formed AI department.

- Worked alongside the mobile development team to build a solution aimed at helping SMEs succeed by providing essential resources. Enhanced app performance for over 500 SMEs, increasing user satisfaction by 20% through post-launch troubleshooting and feedback.
- Led research and development to enhance client businesses using AI models, including Google Gemini API and open-source models from platforms like Hugging Face. Fine-tuned these models on clients' data for tailored solutions.
- Built and deployed an educational AI chatbot using Voiceflow and Botpress to teach students about racial issues at UK universities. Leveraged these tools for efficient development and effective implementation.

# EXPERIENCE

## Partner, CTO

### Blue Vision Multimedia - BVM

📅 01/2023 - Present    📍 Greater Accra Region, Ghana

Blue Vision Media is a technology solutions provider specializing in developing custom software for diverse business needs.

- Increased trader decision accuracy by {30%} through developing CryptoPulse Analyzer app with Flutter, Python Flask, and Firebase.
- Developed and launched "Three Knights," a web platform for purchasing betting game tickets curated by an in-house expert. Managed the full development lifecycle, including design, implementation, and deployment.
- Implemented AI-driven solutions to streamline and optimize workflows, significantly improving productivity and operational effectiveness.

## Lead Ambassador I4G CUCG

### Ingressive For Good

📅 09/2021 - 09/2022    📍 Nigeria

As Lead Campus Ambassador for Ingressive for Good,

- I built and led a developer community on campus
- I organized hackathons and coding events support from I4G

# EDUCATION

## BSC COMPUTER SCIENCE

### CATHOLIC UNIVERSITY COLLEGE,GHANA

📅 09/2018 - 07/2022

# SKILLS

## Programming Languages

Java   Python   Dart   SQL   PL/SQL   JavaScript

## Frameworks and Libraries

Spring Boot   Angular   Flutter   Flask

## Tools and Platforms

Kafka   Git   Jenkins