Oluwole Afolabi

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EDUCATION

Babcock University   Expected Graduation: June 2026 | Ogun, Nigeria
Bachelor of Computer Science
Cumulative GPA: 4.83
Relevant Coursework: Programming in C/C++, Java OOP, Discrete Maths, CompTIA Network + & Security, Linux Systems, Statistical Methods I & II

WORK EXPERIENCE

TelsCare   Dec 2024 – Present | Remote
Software Engineer - Backend Systems
- Developed the backend infrastructure for a robust healthcare management system using a microservice architecture, ensuring scalability, speed and reliability for user operations.
- Worked heavily on database optimizations, reducing redundancies by **42%** and increasing operation speed by **18%**.

Galopy   Aug 2024 – Present | Surrey, UK (Remote)
Software Engineer - Backend Systems
- Designed and developed a secure and scalable backend to support multiple businesses, customers and drivers, handle real-time map-based routing and payment processing.
- Created comprehensive documentation and collaborated with frontend and mobile developers to ensure seamless API integration.

ShadowDevs   Nov 2023 – Jun 2024 | Lagos, Nigeria (Hybrid)
Software Engineer
- Worked with a team of 7 in the end-to-end development of Findit (a lost and found web application).
- Designed and developed a scalable application capable of efficiently managing the workload of **12,000** students while ensuring high performance.

PROJECTS

CaseBud 🔗   Feb 2025
- Worked with a team of 2 to develop and integrate the backend, frontend and AI model for a legal chatbot that aims to achieve **SDG 16**.
- Optimized response times on both the client and server-side by ~**68%** to ensure a seamless user experience.

Lecture To Summary 🔗   May 2024
- Built an interactive web app that converts lecture media files to summaries, leading to a **53%** reduction in study time.
- Leveraged the Gemini API to automate the summarization of lecture transcripts.

VOLUNTEERING & AWARDS

GDG Babcock DSA Co-Lead   Sep 2024 – present
- Organized workshops and trivia nights for track members and curated DSA and System Design learning resources and challenges.

BUCC Dev Team   Jun 2024 – Present | Ogun, Nigeria
Backend Developer
- Worked on the BUCC Web App - an all-in-one application for students to manage academic information.

GDG Babcock Backend Track Hackathon - Winner   May 2025
- Designed and implemented the core functionality of a social media API, taking inspiration from Threads and Twitter.
- Achieved the highest score on architecture, design, quality, maintainability, performance and scalability segments of the code review.

GDG BU Data Track Competitive Programming Challenge Winner   Jan 2024

SKILLS

- **Backend**: Python, JavaScript, Java, Node.js, Express, Django
- **Frontend**: React, Next.js, Tailwind
- **Database Technologies**: MySQL, PostgreSQL, MongoDB
- **Tools**: Postman, Swagger, GitHub, GitLab, Microsoft Azure, Docker, Sentry, RabbitMQ, Kafka

CERTIFICATES

- **Meta**: Meta Backend Developer 🔗
- **Microsoft**: Azure AI Fundamentals 🔗