

Oluwole Afolabi

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EDUCATION

Babcock University

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

Expected Graduation: June 2026 | Ogun, Nigeria

WORK EXPERIENCE

Galopy

Software Engineer - Backend Systems

Aug 2024 – Present | Surrey, UK (Remote)

- 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.

TelsCare

Software Engineer - Backend Systems

Dec 2024 – Jun 2025 | Remote

- 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%**.

ShadowDevs

Software Engineer

Nov 2023 – Jun 2024 | Lagos, Nigeria (Hybrid)

- 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.

feynman

May 2024

- Built an interactive web app that converts lecture media files to summaries, leading to a **53%** reduction in study time.
- Leveraged *gemini-2.0-flash* to extract key insights from 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

Backend Developer

Jun 2024 – Present | Ogun, Nigeria

- 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