

# AYOOLUWA OGUNDEKO

Middlesbrough, United Kingdom 🏠

07475629420 📞

Ayooluwasamuel619@gmail.com ✉️

www.linkedin.com/in/ayo619 🌐

https://ayooluwa-ogundeko.vercel.app 🌐

https://github.com/Pappyjay157 🌐



## PROFESSIONAL SUMMARY

Full-Stack Developer with a strong focus on frontend development, currently building a student AI assistant app using Flutter and a Python-based RAG backend. Skilled in React, React Native, Kotlin, TypeScript, and machine learning, with experience supporting aspiring developers through CodeYourFuture. I'm now focused on securing a graduate role where I can contribute to real-world projects, grow my skills, and work within a collaborative team



## SKILLS

- React
- React Native
- Typescript and JavaScript
- Node.js and Next.js
- Kotlin
- Flutter and Dart
- Python
- Cloud-based technologies



## EDUCATION

### Master of Computer Science (with Advanced practice), | Teesside University

JAN 2024 – NOV 2025

Relevant Modules & Achievements

- Mobile App Development – 84%
- Average (across all Level 7 modules): 79.2%

### BSC (Hons) Computer Science | Caleb University

SEP 2019 – AUG 2023

Average overall grade: 2:1, Second class Honors (Upper division)



## WORK EXPERIENCE

### Full Stack Engineer (Remote) | Edge: Hybrid Fitness Training

London, United Kingdom

MAR 2025 – PRESENT

- Contributed to a cross-functional team building a high-performance fitness coaching app using React Native, NestJS, and Firebase, helping reduce development time by **30%** through efficient task delegation and code reuse.
- Collaborated on mobile app development for Android (emulator) and backend service integration, enabling **100%** of users to access authentication, personalized workout plans, and push notifications.
- Implemented REST API connections using Express-style routes and assisted in metrics dashboard creation.

## Junior Developer (Part-time) | Credible Insurance Brokers Inc

### Somolu, Nigeria

MAY 2020 – DEC 2021

- Collaborated in an Agile team environment using HTML, CSS, and JavaScript to troubleshoot production issues, build reusable components, and implement responsive user-facing features, contributing to a **40%** improvement in UI load speed.
- Used Git for version control and integrated with CI pipelines to maintain a consistent, testable codebase with **95%** deployment success rate.

## Freelance Software Engineer | Self-Employed Remote

JAN 2017 – PRESENT

- Delivered over 15 custom web and mobile applications for Nigerian and international clients through Fiverr and Instagram, maintaining a 100% client satisfaction rate.
- Built scalable full-stack solutions using React, Node.js, Firebase, and Python for SMEs and startups across e-commerce, education, and health sectors.



## INTERNSHIP

### Software Engineering Intern (Internal Placement) | Teesside University – School of Computing

JAN 2025- APR 2025

- Designed and implemented an AI-powered traffic simulation system using Python, Reinforcement Learning (RL), and SUMO, integrating real-world map data for agent training.
- Led a team of four students as project coordinator, overseeing sprint planning, version control, and task delegation using Agile methods.



## VOLUNTEERING

### Mentor Volunteer | Code Your Future

JUNE 2025- PRESENT

- Mentored aspiring developers from underrepresented backgrounds, helping over 70% of trainees improve their technical confidence and complete project milestones.
- Delivered hands-on support in HTML, CSS, JavaScript, React, and Node.js during weekly sessions and code reviews.



## KEY PROJECT

### Student AI Assistant App (Flutter + Python RAG Backend) | 2025

**Description:** Built a student-focused AI assistant using Flutter for the frontend and a Python-based Retrieval-Augmented Generation (RAG) pipeline on the backend.

**GitHub:** [https://github.com/Pappyjay157/student\\_ai.git](https://github.com/Pappyjay157/student_ai.git)

**Highlights:**

- Designed a 3-step UI for writing tasks (prompt input, draft editor, and result viewer).
- Integrated document-based question answering, supporting final year projects, essays, and research papers
- Used Expo for rapid testing and deployment



## REFERENCE

Available Upon Request