

MAYOWA OLADIMEJI

+2349033882729 | mayowaoladimejikassie@gmail.com

[in](#) [mayowa-oladimeji](#) | [github](#) [mayowa-dimeji](#) | [portfolio](#)

Abuja, Nigeria

OBJECTIVE

Results-driven Software Engineer specialising in clean, scalable, and maintainable solutions. Strong analytical skills and a track record of effective teamwork; enthusiastic about modern cloud technologies and continuous improvement.

SKILLS

- **Programming Languages:** Python, TypeScript, JavaScript, Java, Git Github
- **Web Technologies:** React, HTML, CSS, Tailwind CSS, Bootstrap, Node.js, Next.js
- **Database Systems:** SQL, MongoDB, Neo4j
- **Cloud Technologies:** AWS, Docker

EDUCATION

- **University of Northampton** Sep 2022 – Nov 2023
MSc in Software Engineering Northampton, UK
 - Grade: *Distinction*
- **Afe Babalola University** Oct 2015 – Oct 2020
BSc in Computer Engineering (Second Class Upper Division) Ado-Ekiti, Nigeria
 - Grade: *Second class upper*

WORK EXPERIENCE

- **KashFox** June 2025 – December 2025
Software Engineer Birmingham
 - Led the front-end build and public launch of Next.js platform, delivering the MVP on schedule.
 - Engineered a secure registration and onboarding flow with comprehensive validation, clear error states, and role-based authentication to ensure proper access control.
 - Implemented a reusable payout UI with verification flows, secure MongoDB schema validation, role-based access control, and Stripe and PayPal authentication integration.
 - Built reusable, high-performance UI components for surveys, tasks, and games using React and Next.js, leveraging SSR, code-splitting, and image optimisation to reduce bounce rate by 18%.
- **National Information and Technology Development Centre** May 2021 - April 2022
Software Developer Apprentice Abuja
 - Built and iterated on the organisation's main website front end cutting average page load by 1.9s, which reduced bounce rate by about 12%.
 - Optimised key MySQL queries for indexes and query refactors, reducing median data-retrieval time by 18% on high-traffic pages.
 - Delivered RESTful integrations to back-end endpoints for authentication, content and forms, increasing API reliability from 97.2% to 99.1% and shortening form-submission time by 30%.
 - Led routine content and UX updates i.e navigation, accessibility, mobile breakpoints that raised newsletter sign-ups by 15% and cut support emails about broken links by 25%.
 - Improved quality through code reviews and testing using PHPUnit and manual regression checklists resolving 30+ defects pre-release and reducing post-release hotfixes by 20% over two quarters.

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Microsoft Azure Data Fundamentals
- Certified Tester Foundation Level (CTFL) – ISTQB
- IEUK 2024: Technology On Demand – Bright Network

SELECTED PROJECTS

- **CharacterArc: Interactive Story Generator**

Tech: React, Tailwind CSS, Node.js, GPT-4, Azure

- Built an interactive storytelling platform driven by large language models GPT-4. Maintained a JSON-based “character state” object for dynamic story progression.



- **WeatherTracker: Forecast Dashboard**

Tech: React, OpenWeather API, GeoDB API, Mapbox API

- Built a responsive weather dashboard with hourly and 7-day forecasts; integrated location search (GeoDB) and OpenWeather data; visualised trends; and implemented React Router with lightweight caching to reduce redundant API calls.



VOLUNTEERING & MENTORING

- **University of Northampton & King’s Corby Secondary School**

Student & Literacy Ambassador

September 2022 – November 2023

Northamptonshire, UK

- Delivered structured 1:1 and small-group reading interventions (Years 7–10) using guided reading, vocabulary building, and fluency practice; supported ~20–30 pupils per term.
- Designed interactive literacy sessions and reading challenges that increased session participation and raised reading-log completion to ~85%.
- Tracked pupil progress via reading logs and provided formative feedback; liaised with teachers to tailor support to classroom goals.

- **National Information and Technology Development Centre (NITDA)**

Mentoring & Robotics Outreach

May 2021 – June 2022

Abuja, Nigeria

- Facilitated STEM robotics workshops (Arduino/robot kits); created step-by-step labs and quick-start guides supporting ~80+ students across sessions and cutting average setup time per cohort.

HOBBIES AND INTEREST

Artificial Intelligence for Social Impact, Open-Source Development, Mentoring, Swimming, Movies