

## EDUCATIONAL BACKGROUND

**African Leadership University** – Mauritius, Pamplemousses

**September 2019 – 2023**

*First Class Honors, Bsc Computing (Glasgow Caledonian University)*

**Relevant Coursework:** OOP, DSA, Web Development, Android Development, Database Development, Mathematics.

## PROFESSIONAL WORK EXPERIENCE

**Massenergize**, Wayland, USA

**May 2019 - Present**

*Full Stack Engineer, Remote Contractor | React(SPA), Redux, Django*

- Led a team of **2 engineers** to build a **global community platform** supporting **thousands of users** taking collective climate action.
- Designed **database models** and optimized **PostgreSQL queries** to improve platform performance and support scalable community growth.
- Built **reusable UI components** with **Storybook**, reducing dev time and improving design consistency across company portals.
- Implemented **Cypress E2E** and **Jest integration tests**, ensuring stable releases and preventing regressions.
- Set up **CI/CD pipelines** to speed up feature delivery and improve deployment reliability.
- Partnered with designers in **Figma** and **Adobe XD** to translate product vision into seamless user experiences.
- Set up **CI/CD pipelines** for automated testing and deployment, reducing release cycles and improving delivery speed.

**Pidaso.com**, Accra, Ghana

**January 2024 - Present**

*Frontend Engineer, Remote Contractor | NextJS, Tailwind, Zustand*

- Translated **complex Figma designs** into **production-ready web apps** with a **Lighthouse score of 93**, achieving **FCP 0.7s** and **LCP 0.9s**.
- Designed a **scalable design token system** enabling **reusable, themeable components** across multiple apps, reducing dev time by **40%**.
- Leveraged **Next.js SSR** for improved first-load performance and **blazing-fast client-side navigation**.
- Integrated **TanStack Query** for optimized caching, retries, and loading states, resulting in a **30% faster perceived performance**.

**Testewb.com**, Accra, Ghana

**February 2025 - Present**

*Full Stack Engineer, Remote Contractor | NextJS, NestJS, Tailwind, Zustand*

- Designed and led the development of a **QA testing platform** to **organize and manage bug-bash sessions**, empowering testers to track and resolve issues efficiently.
- Built a **Next.js frontend** with **Tailwind** and a **NestJS backend** with **JWT authentication** and optimized APIs for smooth cross-team workflows.
- Integrated **GitHub API** to auto-convert bug reports into tickets and used **Firebase** for secure auth + **screenshot uploads**.  
Deployed on **Render** with **automated CI/CD pipelines**, ensuring fast and reliable delivery on every merge to master.

## SKILLS AND INTERESTS

- **Languages:** TypeScript, Python, Java, PHP, HTML, CSS
- **Frameworks & Tools:** Next.js, NestJS, React, React Native, Zustand, Redux, Django, TanStack Query
- **Databases:** PostgreSQL, MySQL, Firebase
- **Testing & CI/CD:** Cypress, Jest, Storybook, GitHub Actions, Render
- **Design Tools:** Figma, Adobe XD
- **Interests:** Web App Development, Mobile Development