

Ademola Michael Ademeso

Software Engineer

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EDUCATION

Babcock University

Bachelor Of Science, Computer Science

Cummulative GPA: 4.62/5.0

Oct. 2022 – July 2026

Ogun, Nigeria

Relevant Coursework:

- Programming in C/C++, Operating Systems, Computer Networks, Linux Systems, Java OOP, Data Structures & Algorithms, System Analysis & Design, Database System Design, Software Engineering.

WORK EXPERIENCE

LASG Ministry of Innovation, Science & Technology

Software Engineer Intern

Jan. 2025 – June 2025

Lagos State, Nigeria (On-site)

- Converted web applications into Progressive Web Apps (PWAs) using service workers and manifest files.
- Led in the frontend development of the MIST Blog System by having implemented JWT-based authentication for securing protected routes.

Stalwart Crest

Software Engineer

Aug. 2024 – Present

United States (Remote)

- Developed and maintained scalable, production-grade web applications using Angular, React, and modern backend technologies, collaborating cross-functionally to deliver responsive, accessible, and robust solutions while applying clean code, modular architecture, and Git best practices.
- Applied component-based architecture in frontend development for modularity and reusability.

SELECTED PROJECTS

CamPulse | Real-time Campus IT Service Management Platform

2026

- Built scalable REST APIs for a multi-tenant ticket management system with RBAC authentication, Prisma ORM, validation middleware, and Docker deployment.
- Developed responsive dashboards, real-time ticket management, file uploads, comments, and role-based workflows for students, technicians, and administrators.
- **Published research:** *Design and Implementation of a Real-Time Campus Service Management System (IJCT, 2026)*, indexed by [Google Scholar](#) and archived on [Zenodo](#).

Jaiye | Event ticketing and host management app

2025 - Present

- Built a mobile-first Progressive Web App (PWA) for event ticketing and host management, implementing 12+ production-ready user flows including event discovery, checkout, OTP verification, payments, receipts, dashboards, and event management.
- Architected a scalable frontend with reusable components, typed state management, responsive UI, interactive maps (React Leaflet), and routing across guest and host experiences.

LEADERSHIP & VOLUNTEERING EXPERIENCE

Google Developer Groups On Campus Babcock, Lead Frontend Developer

Sep. 2025 – June 2026

- Managed frontend-focused open source repositories on GitHub by creating and assigning issues, reviewing and testing pull requests, and providing clear, contextual feedback to approve or reject merges while maintaining code quality and collaboration standards.

Babcock University Computer Club, Frontend Developer

June 2024 – June 2026

- Led the development of the BUCC Crunch App - the BUCC blog interface, used for both members of the crunch team and BUCC students, supporting seamless access for over 3,000+ students.

SKILLS & COMPETENCIES

Frontend: React.js, Next.js, Tailwind CSS, Context API, Progressive Web Apps (PWA).

Backend: Node.js, Express.js, Django, REST APIs, Prisma ORM, PostgreSQL, MongoDB.

Tooling: Git/GitHub, CI/CD, Docker, Postman, VS Code, Android Studio, Figma.

CERTIFICATIONS

- ALX - [Software Engineering](#)
- Microsoft - [Career Essentials in Generative AI](#)
- NVIDIA - [Fundamentals of Accelerated Data Science](#)