

Joseph Oluwapelumi Jegede

Lagos, Nigeria

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Summary

As a final-year Computer Science student, my passion extends beyond the classroom; I am driven by the challenge of building, managing, and scaling complete technical solutions from the ground up. This is best seen in my current role as Chief Technology Officer for MediaErrandsNews, where I direct the company's entire digital strategy. I am responsible for the full technical stack, from managing the cPanel backend and hosting infrastructure to engineering the digital ad framework and ensuring the WordPress CMS is secure, fast, and constantly evolving.

This strategic, high-level experience is balanced with hands-on, in-the-trenches software engineering. Through my internships at Opex Consulting and ASL Business Solutions, I've honed a versatile skill set. I've not only built full-stack applications like an employee clock-in system but also gained a professional grounding in data analysis with Power BI, SQL, and the formal methodologies of Quality Assurance testing.

Beyond my code, I believe in practical, hands-on leadership. As the Head of the Audio Sub-Team for my university chapel, I lead and supervise multiple teams, managing the live sound engineering and maintenance of all audio-visual equipment. This role has sharpened my ability to manage people, perform under pressure, and be accountable for a mission-critical operation.

As a member of the Nigeria Computer Society, I am deeply committed to professional excellence and am now eager to bring this unique blend of software engineering, technical management, and leadership experience to solve complex, large-scale problems—with a clear vision for integrating the power of Artificial Intelligence into the next generation of software.

Education

Anchor University, Lagos

Lagos, Nigeria

B.Sc. IN COMPUTER SCIENCE

Dec. 2022 - Present

- Current CGPA: 4.39/ 5.00
- Relevant Coursework: Data Structures & Algorithms, Artificial Intelligence, Software Engineering, Database Management Systems, Object-Oriented Programming.

Projects

Cowrywise Financial Technology Limited

Anchor University, Lagos.

STUDENT AMBASSADOR

Dec. 2023 - Present

- Acted as a key brand representative for Cowrywise on campus, promoting the principles of financial literacy and digital savings tools among peers.
- Educated fellow students on the importance of personal finance, using Cowrywise's platform and educational resources as a practical learning tool.
- Provided peer-to-peer guidance to students interested in starting their savings and investment journey, assisting with app navigation and feature understanding.
- Amplified Cowrywise's digital campaigns and financial literacy content through personal channels to increase brand visibility within the university community.

Class Project

Anchor University, Lagos

GROUP LEADER.

Nov. 2024 - Feb. 2025

- As team lead on class project, I effectively delegated tasks among team members to ensure a balanced workload and clear communication.

Bill of Quantity Management Application

ASL Business Solutions

SOFTWARE ENGINEER INTERN (FRONTEND FOCUS)

May. 2025 - Sept. 2025

- Developed responsive and interactive web pages using Remix.js and TailwindCSS.
- Engineered the client-side logic to handle user interactions, including form validation, dynamic component rendering, and application state management.
- Successfully integrated RESTful APIs to fetch, display, and update data from the backend, ensuring seamless data synchronization between the client and server.
- Leveraged modern developer tools and AI-assisted coding practices to accelerate the development lifecycle, from feature implementation to debugging.

Intern Task Tracking & Reporting App

Opex Consulting Limited

FULL-STACK DEVELOPER INTERN

Aug. 2025 - Sept. 2025

- Conceived, designed, and executed the end-to-end development of a full-stack web application to streamline the daily activity reporting for interns.
- Developed a clean and intuitive user interface using HTML5, CSS3, and vanilla JavaScript to enable seamless creation, tracking, and management of daily tasks.
- Engineered the backend functionality using Google Firebase (Firestore) to handle real-time CRUD (Create, Read, Update, Delete) operations for all task data.
- Implemented the core feature to automatically compile daily tasks into a formatted summary and submit it via email, significantly improving the efficiency of the end-of-day reporting process.

Real-Time Geolocation-Enabled Clock-In Application

ASL Business Solutions

PROJECT DEVELOPER (INTERNSHIP INITIATIVE)

Sept. 2025

- Engineered a full-stack web application from concept to deployment using HTML, CSS, and JavaScript, successfully replacing the company's manual paper-based attendance system with a secure, digital solution.
- Integrated Firebase Authentication for secure user registration (with name, email, and password) and login, designing a branded, multi-page user interface that matched the official company website's style guide.
- Implemented a key geofencing feature by utilizing the browser's Geolocation API to validate that a user was within a 50-meter radius of the office before enabling the clock-in functionality, ensuring on-site presence.
- Developed a real-time history dashboard by leveraging Cloud Firestore's onSnapshot listener to instantly display and update user-specific attendance records, and managed the full deployment process to the web using the Firebase CLI.

Work Experience

MediaErrands News

Remote mode (Lagos, Nigeria)

CHIEF TECHNOLOGY OFFICER

May. 2025 - Present

- Directs the complete technical strategy and digital operations for the news platform, serving as the sole authority for all technology-related decisions and implementation.
- Manages the end-to-end website infrastructure, overseeing server-side configurations, backend performance, and cPanel administration to ensure high availability and uptime.
- Engineers the website's digital advertising framework, strategically structuring and integrating ad components to maximize monetization opportunities while preserving a positive user experience.
- Conducted a comprehensive needs analysis to research, select, and implement a new WordPress theme, tailoring it to meet the specific UI/UX requirements of a high-traffic news site.
- Directs the technical-SEO strategy, optimizing the site's backend and theme structure for speed, mobile responsiveness, and search engine visibility.
- Serves as the primary technical point of contact, providing response troubleshooting for all platform issues, including bug fixes, layout errors, and performance bottlenecks.
- Advises organizational leadership on emerging technologies and digital trends to guide future platform development, scalability, and strategic growth.

Opex Consulting Limited

Hybrid mode (Lagos, Nigeria)

TECHNICAL INTERN

April. 2025 - Sept. 2025

- Developed foundational skills in data analysis by mastering advanced Excel functions and core SQL syntax for effective data querying and manipulation.
- Gained practical knowledge of the software development lifecycle (SDLC) through a Quality Assurance (QA) onboarding session, learning methodologies for testing real-world applications.
- Provided technical and administrative support for the "Summer2Summer" virtual tech program, assisting with session recording, moderation, and logistics to ensure a smooth experience for facilitators and participants.
- Assisted in the development lifecycle of a regulatory news email alert system, contributing to feature testing and bug identification to improve application reliability.

ASL Business Solutions

Hybrid mode (Lagos, Nigeria)

SOFTWARE DEVELOPER INTERN

May. 2025 - Sept. 2025

- Developed data analysis and visualization skills by building hands-on projects in Power BI to transform raw data into interactive business intelligence dashboards.
- Contributed to the development of a Bill of Quantity Management System, implementing UI components and integrating APIs to enhance core user functionality.
- Led the end-to-end development of a new employee clock-in application, handling the project from initial design and frontend logic to backend integration with Firebase.

Skills

Technical Skills

PROGRAMMING LANGUAGES

- JavaScript, React, Node.js, TailwindCSS framework, HTML5 & CSS3, SQL

WEB TECHNOLOGIES & BACKEND SERVICES

- Frontend Development, Google Firebase (Firestore), RESTful APIs, Responsive Web Design, DOM Manipulation.

DEVELOPER TOOLS & PLATFORMS

- Git & GitHub
- Chrome DevTools

Soft Skills

- Problem-Solving, Communication, Collaboration & Teamwork, Adaptability & Fast Learning, Resourcefulness.

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Leadership and Volunteer Experience

Chapel Media & Maintenance Team, Anchor University

Lagos, Nigeria

HEAD OF AUDIO SUB-TEAM

November, 2025 - Present

- Managed and supervised multiple audio teams across various university chapel locations, ensuring standardized, high-quality sound production for all services.
- Acted as the lead sound engineer, directing the live audio mixing, setup, and testing of all sound systems (microphones, mixers, speakers) for every chapel gathering.
- Oversaw the complete maintenance lifecycle of audio-visual equipment, performing regular checks, troubleshooting technical failures, and ensuring 100% operational readiness.
- Coordinated directly with the Maintenance Coordinator to report on equipment status, provide technical recommendations, and escalate complex issues for resolution.

Professional Affiliations

2025 -

Present

Student Member, Nigeria Computer Society (NCS)

Nigeria