

Oluwasemilogo Adeogun

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Professional Summary

Graduated First Class (top 1%) in Software Engineering. Innovative Full-Stack Software Engineer with a passion for tackling challenges and building impactful solutions. **Recently led a successful pitch that attracted investor interest; mentored by billionaire Tony Elumelu.** I thrive in open-minded, innovation-driven teams that believe *"if you can think it, you can build it."* I believe in ownership, continuous learning, and making things better, no matter how small. Let's build something great.

Technical Skills

Python | Typescript | Django | Django-REST Framework | React | Tailwind CSS | PostgreSQL | AWS | DevOps | Three.js | GSAP | C | C++ | Node.js | Express.js | Next.js | Redux | NestJS | Java | HTML | CSS | Javascript | Version Control | GitLab | GitHub | Linux System Administration

Professional Experience

Strivo Labs | Lagos, Nigeria

June 2025 - July 2025

Lead Software Engineer

- Managed a team of 2 interns and 2 software engineers, enabling them to complete tasks 200% faster through effective guidance and process optimization.
- Voluntarily developed an AI-powered tool for Strivo Labs' Talent Placement division to accelerate job description creation and streamline proposal generation for clients. This reduced job description and proposal creation time by over 70%
- Proposed and initiated the development of 11 AI agents, scheduled for deployment within two months, aimed at automating key workflows and reducing manual effort by 65% for a major client.

Mileston | Delaware, United States

January 2025 - May 2025

Software Engineer

- Developed a freelance-focused invoicing app using our SDK to demonstrate its real-world utility and drive developer adoption.
- Enhanced billing microservices by adding PDF attachment support for invoice and recurring payment emails. Updated the SDK accordingly to ensure seamless, automated delivery of billing documents to users.
- Contributed to multi-chain payment support by integrating additional blockchain networks including Ethereum, Base, Arbitrum, and Avalanche, alongside Sui—boosting platform interoperability and attracting a wider user base.
- Managed the Discord community with over 3 years of platform experience—fostering an active, supportive environment for users, developers, and potential partners through consistent engagement and assistance.

Zeta-Web Nigeria Limited | Lagos, Nigeria

January 2024 - June 2024

Software Engineer - Internship

- Led the procurement and rerouting of domains for the web experts business unit.
- Voluntarily built and deployed a web application for streamlined Excel data extraction, improving internal data processing efficiency by 40%. This project, recognized for its functionality, earned me a recommendation from the Head of Technology.

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- Managed the web infrastructure for the company and its clients using reseller web hosting control panels, ensuring reliable and consistent service availability.

Voltmaster | Lagos, Nigeria

July 2019 - July 2020

Engineer - Internship

- Applied system troubleshooting techniques that reduced Windows OS downtime by 25%, improving overall IT support response times and user satisfaction.
- Proactively performed windows system updates keeping systems functional and secure.

Education

Babcock University | Ogun, Nigeria

October 2021 - July 2025

Bachelor of Science in Software Engineering - **First Class Honours**

CGPA: 4.58/5.00

Relevant coursework: Fundamentals of Software Engineering, Introduction to Big Data Engineering

Extracurricular Activities: Member of Web Track Primary Team - Google Developer Group on Campus

Projects

- Poolup - Smart Carpooling Application** March 2025
Poolup is a progressive web application designed to simplify and secure carpooling. It allows users to book and share rides, manage vehicle registrations, and make in-app payments, all within a streamlined, mobile-friendly experience. Safety is a core feature, with an emergency button that instantly alerts trusted contacts, system administrators, and local authorities. Poolup also includes an admin portal called PVAP for managing users, vehicles, and ride data, making it a complete solution for modern, community-driven transportation.
- Neuralearn - AI Powered Learning Assistant** February 2025
Developed a web app that transforms uploaded text, PDFs, and images into interactive learning materials, including auto-generated questions and flashcards. The platform offers customizable difficulty levels, study modes, and real-time performance tracking with accuracy, time analytics and other metrics. Leveraged NLP and image processing to enhance content extraction and adaptive learning.
- Sui Invoicing DApp - Decentralized Invoicing for Freelancers** February 2025
Developed a decentralized invoicing application on the Sui blockchain, leveraging Mileston Payments SDK to simplify payment management for freelancers. The app provides seamless wallet-based authentication, automated invoicing, and integrated Mileston powered payments, ensuring a frictionless experience. Designed an intuitive UX-first interface, enabling effortless invoice creation, tracking, and a premium subscription feature using Mileston's payment link checkout.
- DIY Analytics - No Code Data Analysis** January 2025
DIY Analytics is a no-code tool for analyzing and visualizing data using 'natural language' and drag-drop-click features. All you have to do is upload a dataset.
- Rate-a-School - AI-Driven School Feedback Platform** January 2025
Developed a web application that allows users to rate schools and share their experiences, utilizing AI-driven feedback to help schools identify areas for improvement and enhance customer satisfaction. The platform promotes transparency and enables informed decision-making for parents and guardians. It

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was designed to address issues such as bullying and poor school quality by facilitating community-driven feedback. Implemented secure authentication and robust data protection measures to ensure user privacy.

- **iPhone 15 - Interactive iPhone 15 Landing Page** January 2025
Created a luxurious, interactive iPhone 15 landing page utilizing GSAP for smooth animations and Three.js for 3D elements, providing an engaging web experience while practicing advanced web development techniques.
- **LittleLemon API Project - API for LittleLemon Restaurant** August 2024
Developed an API for the LittleLemon Restaurant for reservation management and other functions, implementing token-based authentication, throttling, and pagination to ensure secure and efficient API usage. The API supports multiple response formats, including JSON and XML. Additionally, I integrated the Django Debug Toolbar to facilitate easy debugging.

Certifications

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| • Python for Data Science, AI & Development | September 2024 |
| • DevOps on AWS: Code, Build, and Test | August 2024 |
| • AWS Cloud Technical Essentials | August 2024 |
| • Meta Back-End Development Professional Certificate | August 2024 |
| • JavaScript Algorithms and Data Structures Developer Certification | February 2024 |
| • Responsive Web Design Developer Certification | July 2023 |
| • Microsoft Technology Associate: Windows Operating System Fundamentals (MTA) | August 2022 |
| • NFTS and Blockchain | August 2022 |