

Oluwasemilogo Adeogun - Senior Fullstack Engineer

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Professional Summary

Graduated First Class (top 1%) in **Software Engineering**. 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

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

Professional Experience

Melon | Dubai, United Arab Emirates January 2025 - Present

CoFounder/ Software Engineer

- **Improved the UI and performance** of the Mileston business dashboard, optimizing frontend rendering and **reducing page load times by 35%, resulting in a smoother user experience for internal teams.**
- Developed a freelance-focused invoicing app using our **SDK to demonstrate its real-world utility and drive developer adoption.**
- 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.**

SapphireCredit | Lagos, Nigeria

February 2026 - Present

Lead Software Engineer (Contract)

- **Leading a team of 4 engineers** building a WhatsApp-first device financing and device protection platform automating loan origination, repayment collections, recovery workflows, and customer support operations.
- Built **scalable integrations** around WhatsApp-based user flows to **improve accessibility and streamline financing experiences for customers.**

Senior Software Engineer (Contract)

- Building a beautiful Buy Now Pay Later (BNPL) e-commerce platform, **enabling installment payments and credit eligibility checks.**
- Working on an **AI-driven credit scoring engine** leveraging historical lending data and customer financial attributes **to predict default risk**

Strivo Labs | London, United Kingdom

June 2025 - February 2026

Lead Software Engineer

- **Proposed and initiated the development of 12 AI agents** aimed at automating key workflows and **reducing manual effort by 65% for a major client.**
- **Managed a team of 2 interns and 7 software engineers**, enabling them to **complete tasks 200% faster** through effective guidance and process optimization.

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- **Built a beautiful internal application**, RecruitFlow, to automate manual talent sourcing operations, **reducing workload by 40%** and enabling the team to focus on sourcing higher-quality candidates for clients.
- **Built a Check and Debit agent** that analyzed bank statement transaction patterns to identify dormant debtor accounts and also automatically initiate authorized debit transactions for delinquent customers, **improving debt recovery rates by 30% and reducing manual collection effort by 50%**

Arewa Health | Berlin, Germany

September 2025 - October 2025

Senior Software Engineer (Contract)

- **Re-architected** a previously unstructured (“vibe-coded”) Django and **Next.js** application into a **production-grade**, modular system, **eliminating production bugs, improving deployment stability, and accelerating developer onboarding by 40%**.
- Implemented **compliance with the HL7 FHIR standard**, enabling interoperable data exchange with external healthcare systems.

Voltmaster | Lagos, Nigeria

July 2019 - November 2023

Software Engineer

- Built a full-stack project and installer management application using **React, Redux Toolkit (RTK Query), and Express** to automate project assignment, job tracking, and field operations, **improving deployment coordination and project turnaround by 45%**.
- Designed and implemented an invoicing and receipt generation module with automated PDF creation and **cost computation, integrating AWS S3 for secure document storage and retrieval**.
- **Collaborated with operations and finance teams** to design APIs and data workflows that **synchronize project milestones, financial transactions, and installer performance metrics in real time**.

Education

Babcock University | Ogun, Nigeria

October 2021 - July 2025

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

CGPA: 4.57/5.00

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

- **Neuralearn - AI Powered Learning Assistant** February 2025
Developed a web app built using **Next.js, Django and Express.js**. **Created interactive UI components for flashcards, quizzes and analytics with clean visualization and responsive layouts**. 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. **Neuralearn helped lots of students get better grades**.
- **Sui Invoicing DApp - Decentralized Invoicing for Freelancers** February 2025

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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 AI Data Analysis** January 2025
DIY Analytics is a no-code **AI** 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 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.
- **Mileston - Crypto Payment Gateway** January 2025
Think of it like a **PayPal but for crypto**. Mileston was built to help businesses send and receive payments with crypto, enabling them to create payment links, invoices, and recurring payments. It also **features a developer-friendly SDK for seamless integration**.
- **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.

Certifications

- **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

Recommendations

- "Oluwasemilogo is full of ideas and his great attitude will see him implement them all the way to the top" -
Kunle Oyetola - Head of Technology, Ouranos Technologies