

TESLIM ADETOLA SADIQ

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EDUCATION

[University of Lagos, Nigeria.](#)

Graduation: Jan 2030

B.Eng.. Mechanical Eng.(CGPA: 4.5/5.0)

SKILLS/TECHNOLOGIES

TypeScript, JavaScript (ES6+), Python, SQL, HTML5, CSS3, Node.js, Express.js, MongoDB, PostgreSQL, REST API Design, GraphQL, React, Next.js, Tailwind CSS, Redux, Progressive Web Apps (PWA), Docker, Git, GitHub, CI/CD, Google Gemini API, TensorFlow.js, Vercel, Netlify, Render, Paystack API, Postman, Recharts, Stripe Integration.

WORK EXPERIENCE

Software Engineer Intern - [Avzdax Technologies | Peace-Tech Startup](#)

Jan 2025 – Dec 2025

- Engineered secure, high-concurrency API endpoints for a mobility security platform, achieving a **99.9% success rate** on threat detection sweeps.
- Integrated **OpenCV** models into the FastAPI backend, automating the classification of security risks and reducing manual review time by **60%**.
- Built real-time React dashboards visualizing **50+ live data streams**, enabling users to make sub-second security decisions.

Software Engineer - [WebDerk.](#)

Aug 2024- Jan 2025

- Designed a SaaS backend infrastructure that automated catalogue synchronization, slashing product shipping time from 4 hours to **<30 minutes**.
- Optimized the digital checkout funnel, resulting in a **15% increase in conversion rates** and maintaining a strict **<24 hour** support SLA.
- Implemented Docker containerization and CI/CD pipelines, ensuring **99.99% system uptime** during peak traffic windows.

Development Lead - [ECX UNILAG](#)

Oct 2025 – Present

- Spearheaded the re-architecture of "ECX Go" (Link Shortener), optimizing database indexing to handle **10,000+ monthly redirects** with **<50ms latency**.
- Led a team of 10+ developers to launch the official ECX Merch Store, implementing a custom cart-to-checkout flow that processed **₦500k+ in revenue** within the first week.
- Built and deployed a centralized Learning Management System (LMS) serving **1,000+ student members**, reducing resource access time by **40%**.

PROJECTS

[ULES Voting Portal](#) -

A secure, high-concurrency e-voting platform designed to digitize faculty elections, eliminating manual counting errors and ensuring **100% data integrity** for the entire engineering student body

- Constructed scalable backend services that successfully processed **20,000+ live votes** from **3,500+ verified voters**, optimizing database transactions to prevent double-voting and ensure **<50ms response times** under peak load.
- Integrated real-time data visualization for election monitors and exportable audit logs, reducing result compilation time from **24 hours to <10 minutes** while ensuring complete transparency.
- Utilized the following technologies: **TS**TypeScript, Node.js, React, MongoDB, WebSockets.

ACHIEVEMENTS AND EXTRACURRICULAR

[3MTT South-West Innovation Hackathon \(Nevo\)](#)

Dec 2025

- Regional Champion:** Secured the championship title for the South-West region in a National Competition by building "Nevo," an AI-powered learning platform for neurodivergent individuals.
- Engineering Lead:** Architected the entire software stack from scratch, integrating adaptive AI models to personalize learning paths, which led to a feature in **TechCabal** (Africa's leading tech publication).

Winner, ACM Hackathon (FairPlay Africa) [Link](#)

Sep 2025

- Selected to compete against **120+ teams** from across the continent; led the engineering of "FairPlay Africa" a piracy detection system with **sub-300ms** latency using Node.js and Gemini AI, earning the **₦10,000,000 (\$6,500)** Grand Prize and **1st Place** overall.

Winner, AfriHackBox (Aegis AI) | Cybersecurity & AIs [Link](#)

Nov 2025

- Addressed the widespread vulnerability of users to sophisticated phishing attacks across varied digital platforms (email, SMS, social media) where standard filters often fail.**
- Engineered "Aegis AI," a universal, real-time defense mechanism that uses semantic analysis to detect and block malicious links and phishing attempts across any channel.
- Triumphed over **100+ applicants** to secure **1st Place**, winning the **\$1,000** grand prize for building the most robust, all-purpose anti-phishing solution.

[Faculty of Engineering Rookie of the Year Award](#)

Aug 2025

- Awarded to the most impactful student among **1,000+ freshmen**, distinguishing myself through consistent hackathon victories and the deployment of engineering software solutions for the faculty.