

SAMUEL OGHENERO ODEYOVWI

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PROFESSIONAL SUMMARY

Full Stack Developer with roots in Electrical and Electronics Engineering (B.Eng.). Hardware taught me how signals flow; the web lets me route that logic at scale. I build data-driven PHP backends, serverless AI-powered applications and responsive interfaces, and I bring a troubleshooting mindset from high-availability database and infrastructure support. Comfortable with Git, system design and AI-assisted development, and looking to join a software engineering or web development team.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), Responsive Layout Optimization

Backend & Data: PHP, SQL & Databases, RESTful Routing, Serverless Functions (Cloudflare Pages Functions)

Systems & Toolchain: System Design, Full-Stack Architecture, Git/GitHub, AI-Assisted Development, VS Code, Chrome DevTools, System Diagnostics & Debugging, Technical Documentation, SAP HANA Database Monitoring

Platforms: Cloudflare Pages, Netlify, WordPress, Webflow

TECHNICAL PROJECTS

AI-Coached Screening Practice | *Personal Project* 2026

Live Demo: screening-practice-demo.pages.dev | *Case Study:* screening-practice-demo.pages.dev/docs/case-study

- Built a timed teamwork-prompt practice tool that records spoken answers, transcribes them with Whisper, and has an LLM-powered Micro-Coach score each one, flag the areas needing improvement ("The Catch") and give the improvement for each ("The Fix") before the next prompt.
- Designed a lightweight architecture of 3 static files and 4 Cloudflare Pages Functions, with no framework and no build step.
- Created a bank of 21 structured and open-ended prompts with per-part countdowns, configurable sessions (seconds per part, prompt count, AI Coach and recording toggles) and a results summary with talk-time statistics.
- Implemented recording, clip uploads, and coaching and summary emails, running entirely on a \$0 stack (Cloudflare Pages, Groq AI).

Institutional Management & Learning Platform | *NIIT Diploma Project* 2026

Case Study & Code: github.com/robotboy-exe/niit-group-project

- Co-engineered a role-driven web application in PHP, using AI pair-programming, covering authentication, session management and secure multi-role routing (Admin, Student, Prospect).
- Built the admission form interface and coupled it with backend scripts that automate profile creation in a centralized database.
- Refactored inherited code for full cross-device responsiveness and fixed core client-side JavaScript functionality.
- Formulated system architecture flowcharts to balance timeline goals and prioritize core data-handling modules.

Gas Safety IoT Real-Time Web Dashboard | *Final Year Project, Delta State University* 2022

- Built a real-time web dashboard for environmental hazard monitoring and dynamic sensor-stream visualization.
- Integrated Wi-Fi and GSM hardware modules to establish a reliable end-to-end telemetry pipeline from hardware sensors to the web interface.
- Implemented frontend processing logic to visualize telemetry data streams while mitigating false-positive alert thresholds.

PROFESSIONAL EXPERIENCE

IT Infrastructure & Database Support Intern | *Project E-Delta, Asaba, Delta State* Jul 2021 – Dec 2021

- Monitored enterprise system health and SAP HANA database performance to maintain continuous application availability.
- Analyzed application, server and network performance indicators to troubleshoot, debug and isolate runtime errors.
- Maintained technical documentation and conducted root-cause analyses on performance deviations to improve platform uptime.

EDUCATION

Diploma in Web Development | NIIT, Benin City, Nigeria 2026

B.Eng. in Electrical and Electronics Engineering (Second Class Upper) | Delta State University, Abraka 2023

CERTIFICATIONS

Graduate Member, Nigerian Society of Engineers (NSE) 2026

Project Management Professional (PMP) | Skills Edge Consulting 2024