

Abekwuchi Asonye

Lagos, Nigeria | +234 911 333 3901 | abekwuchia@gmail.com | asonye-portfolio.vercel.app |
linkedin.com/in/abekwuchi-asonye-a504371a5

Software Developer & UI/UX Designer | First-Class Electrical & Electronics Engineer

PROFESSIONAL SUMMARY

Electrical and electronics engineer (First Class, Nile University of Nigeria) who builds software and websites. At Appable Systems I work on production platforms for exams, schools and the oil and gas industry, using modern AI development tools to move fast and testing every feature the way a real user would before it ships. I also design websites, online stores and app screens, from user flows and layouts to the finished, responsive product, using AI design tools alongside Canva. On the engineering side, I've designed and installed 5–30 kW solar systems across 15+ sites. Open to software, UI/UX and web design roles, and to freelance projects.

PROFESSIONAL EXPERIENCE

Software Developer

Appable Systems, Port Harcourt | Aug 2025 – Present

- Work on the company's web platforms (Next.js, Node.js, TypeScript, PostgreSQL), using AI development tools throughout and testing every feature hands-on before release.
- ExamGrid: computer-based testing platform used by 200+ organisations for 50,000+ candidates. Worked on the exam engine and auto-grading.
- Petralign: part of the development team behind a complete ERP for the oil and gas industry.
- SchooliIT Pro, CertiGen and Manterra: features for school management, certificate verification (1M+ certificates) and real estate billing.
- Client sites and portals for GSB IAUE, Imperial Group, Judora Group and Charkin Centre.

Freelance Web Developer & UI/UX Designer

Self-employed, Remote | Sep 2024 – Present

- Designed and built ogasammysportsshop.com on my own, an online store for a retail and wholesale sports retailer: catalog by sport, type, gender, size and price tier, with search and filters.
- Designed brand identities and logos for clients (a property firm, a food app, a skincare brand) and for myself, plus my portfolio site and one for WPN Architects.
- Designed 120 website concepts for Lagos businesses (solar, dental, schools, interiors), each with its own visual direction and type, using AI design and build tools.
- Designed a study app for law students: logo, colours, type, user flows and phone, tablet and laptop screens. Also designed and shipped an activity calendar for a state health board's staff.

Solar Energy Technical Intern

Blue Camel Ltd, Abuja | May 2024 – Sep 2024

- Designed and sized 5–30 kW+ solar systems for homes and businesses, matched to each site's peak load.
- Installed, wired and commissioned hybrid inverters, MPPT charge controllers and LiFePO4 storage following electrical safety procedures.
- Ran diagnostics, load balancing and preventative maintenance across 15+ sites.

EDUCATION

B.Eng. Electrical & Electronics Engineering, First Class Honours (CGPA 4.57/5.00)

Nile University of Nigeria, Abuja | Sep 2020 – Nov 2025

Coursework: control systems, robotics, embedded systems and microcontrollers, instrumentation and sensors, signals and systems, power systems, engineering mathematics. Projects: autonomous dual-axis solar tracker (Arduino, closed-loop light-sensor control; 28% more energy than a fixed panel) and obstacle-avoidance robots (ultrasonic and IR sensing, motor control).

HONOURS & AWARDS

- Bronze Award, The Duke of Edinburgh's International Award (2024)

SKILLS

TypeScript • JavaScript • Next.js • React • Node.js • PostgreSQL • Python • Tailwind CSS • UI/UX design • Brand & logo design • User flows • Responsive design • Google Stitch • Claude Design • Canva • Figma (basic) • WordPress • Elementor • GSAP motion • AI development tools • Git/GitHub • C/C++ (Arduino) • Solar PV design • Embedded systems