Awani Caleb

Full-Stack Software Engineer · Port Harcourt, Nigeria
hello@awanicaleb.com · awanicaleb.com · github.com/AwaniCaleb · linkedin.com/in/awanicaleb

Summary

Full-Stack Software Engineer based in Port Harcourt, Nigeria. I build and ship production web applications end to end, from Flask and PostgreSQL backends to secure deployment and monitoring, with a background in offensive security.

Experience

Founder, CampusGist — 2026 – present

- Building a white-label campus web app that lets any Nigerian university's students run their own instance. The first deployment is live at rsu.campusgist.ng, in private beta ahead of launch.

Freelance Software Developer — 2024 – present

- Recovered and secured a compromised academic journal website after repeated attacks, then hardened it against reinfection.
- Designed and built the interface for a nail technician's business website.

Cybersecurity Intern (Industrial Training), Soget Integrated Services — Jun – Nov 2025

- Trained in offensive security with a focus on red teaming, working in Parrot OS.
- Used Nmap for network scanning and Wireshark for traffic analysis.
- Studied networking fundamentals (IP addressing, data transmission) and computer hardware as the groundwork for attack techniques.

Projects

PhishKill

A phishing email detection tool, built as my final-year project. I wrote the Python core and the AI integration, and tested it on real emails.

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My portfolio, built API-first with Flask, PostgreSQL and a React admin. It has passkey sign-in, a strict security policy, CI/CD, nightly encrypted backups and error monitoring, and runs on a Hetzner server behind Cloudflare.

Education

BSc Computer Science, Rivers State University — 2022 – 2027 (expected)

Final-year project: PhishKill

Skills

Languages	Python • JavaScript • SQL • HTML/CSS
Frameworks	Flask • React (Vite) • Tailwind CSS • Bootstrap
Data	PostgreSQL
Infrastructure & DevOps	Docker • Linux server administration • Cloudflare • GitHub Actions CI/CD • Cloudflare R2 (S3-compatible storage) • Sentry

Security	WebAuthn/passkeys • CSP and security headers • incident recovery • Nmap • Wireshark • Parrot OS
AI-assisted development	directing AI coding agents (Claude Code, Jules)