STEPHEN NGWU

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SKILLS

- **Platforms:** Google Cloud Platform
- **Languages and Frameworks:** Python, JavaScript, Typescript, Java, Solidity, PowerShell, Angular, ReactJS, NextJS, Vue3, NodeJS
- **Technologies and Tools:** JSON, Docker, Cloud Storage, Virtual Machines, SQL, VirusTotal, WebRTC, Socket.io, Postman, Version Control (Git)
- **Security:** Unit testing, Threat Modelling, Code Review, SAST, DAST, SCA, IAM, Splunk, SIEM/SOAR
- **Paradigms:** REST API Architecture, Agile Software Development, Microservices, CI/CD
- **Others:** Network Security, Operating System (Linux & Windows)

PROFESSIONAL EXPERIENCE

Spordis Binary   **Nigeria**
Software Engineer   **Jul 2024 – Now**

- Implemented a Shift Left approach by integrating threat modeling, SAST (Snyk), and DAST (Nikto, OWASP ZAP) while hardening CI/CD pipelines, ensuring secure deployments and reducing critical vulnerabilities by 45%
- Implemented API-driven LLM integrations using JavaScript and TypeScript to enable real-time interaction, parsing, and response evaluation.
- Built and optimized JSON prompt structures for multi-step AI agents, enhancing decision-making accuracy and performance evaluation for real-time sports token live charts.
- Designed and tested APIs against OWASP API Security Top 10 using Postman, ensuring robust authentication, authorization, and input validation aligned with industry best standards.
- Boosted team performance by 25% by integrating security best practices into agile workflows, mentoring developers on secure coding, and leveraging GitHub Actions to reduce vulnerabilities.

C-Sunshine   **Slovakia**
Frontend Engineer   **Nov 2023 – Jul 2024**

- Increased revenue and slashed development expenses by 20% through the deployment of a dynamic, real-time medical check-up chart.
- Boosted user engagement by 15% by engineering a JSON-based survey module that automated response handling, improved UX, and streamlined feedback analytics.
- Leveraged Test Driven Development to optimize web pages for peak performance and scalability.

Nanocodes Programming   **Nigeria**
Lead Frontend Engineer   **Jan 2023 – Feb 2024**

- Led the design and optimization of dynamic frontend workflows using JSON-based configuration schemas, improving user interaction, system responsiveness, and overall task execution efficiency across applications.
- Drove a 25% increase in customer engagement by leading the development of an intuitive, high-performing customer service platform.

- Catalyzed a 14% revenue uplift by architecting and delivering a robust, industry-compliant e-commerce solution aligned with business goals.
- Engineered the front-end architecture for Andromedia's live chat application, delivering a user experience comparable to industry leaders like Tidio Chat.

Global Network LLC	**United States**
Full Stack Engineer	**Jul 2022 – Jan 2023**

- Optimized payment processes and reduced operational costs by 35% through the development and deployment of an Ethereum-based smart contract solution.
- Integrated Paystack and Stripe payment gateways to enable seamless, secure, and multi-currency transactions, resulting in a 30% increase in successful payments and improved overall user trust and conversion rates.
- Increased user engagement by 15% through the implementation of personalized, real-time email and push notification campaigns.
- Enhanced user experience and increased engagement by 20% through the integration of advanced Elasticsearch functionality.

EDUCATION

UNIVERSITY OF NIGERIA	**Nigeria**
B.Sc in Computer Science and Mathematics	**Dec 2017 – Nov 2022**

PROJECTS

Spox Trading Platform	**June 2025**

Designed and engineered a robust trading platform with seamless interoperability between front-end and back-end systems. Also, I collaborated closely with designers and engineers to ensure cohesive development, efficient workflows, and high usability.

CERTIFICATIONS

- **Google:** (Google Cybersecurity Professional Certificate)
- **GRCAfriq:** (Governance Risk and Compliance Certificate)