FRANCIS.E. OFFIONG

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SUMMARY

Security-focused Software Engineer and Cyber Security Analyst with hands-on experience in application development, digital forensics, penetration testing, and cloud security. Proven ability to design secure systems, analyze cyber threats, and build scalable web and mobile solutions aligned with industry best practices.

EXPERIENCE

React Native Engineer

Ulospaces **November 2025 - Present, Lagos, Nigeria**

- Developed a full-stack real estate marketplace and social platform for rentals, sales, and shared apartments. Built a multi-role ecosystem with role-based access, listings, bookings, messaging, and community engagement features.
- Engineered a cross-platform mobile application using React Native, integrating real-time chat, notifications, and secure payment solutions to enhance user engagement and transaction reliability.

Fullstack Engineer

Kosmotech Developers **May 2025 - Present, Abuja, Nigeria**

- Engineered and deployed scalable web applications using modern frameworks, integrating RESTful APIs and databases to enhance user engagement and functionality for Kosmotech Developers.

Intern (Youth Corper)

National Cybercrime Center (NPF-NCCC) **January 2025 - December 2025, Abuja, Nigeria**

- Participated in a two-day cybercrime orientation focused on digital threat awareness
- Delivered a technical presentation on Cloud Security: key tools and techniques for data protection
- Performed live penetration testing on organizational infrastructure for security audits
- Completed professional training on Fortinet security solutions.
- Analyzed security incident logs to identify cyber threats and contributed to drafting comprehensive incident response reports for leadership review.
- Engineered custom security scripts to automate detection of suspicious user activity, improving incident identification workflows across critical organizational systems.

Full-Stack Developer

Freelance gig **February 2025 - April 2025, London, UK**

- **Database:** Engineered MySQL schema with foreign key relationships, indexes, and triggers for automated enrollment tracking
- **Backend:** Developed PHP REST endpoints with prepared statements, password hashing, and session-based authentication
- **Frontend:** Built dynamic UI with vanilla JavaScript (fetch API, DOM manipulation) and responsive CSS Grid/Flexbox layouts
- **Security:** Implemented input sanitization, CSRF tokens, and role-based access control (admin, instructor, student)
- **Performance:** Reduced query execution time by 40% through indexing and query optimization techniques

Frontend Engineer

Orion Industrial **January 2024 - September 2024, Abuja, Nigeria**

- Implemented responsive UI components using React and TypeScript, enhancing usability across diverse devices for Orion Industrial's client-facing applications.
- Revamped legacy codebase by integrating modern JavaScript frameworks, substantially improving application stability and maintainability for Orion Industrial's digital platforms.
- Streamlined front-end build processes for Orion Industrial by configuring automated workflows, reducing deployment times and minimizing manual intervention.

EDUCATION

B.Sc Cyber Security

Minor in No • Ritman University • Akwa Ibom, Nigeria • 2020-2024 • 4.72

High school diploma

Minor in No • St Aloysius Secondary School • Abuja • 2018-2019

- Took part in extracurricular activities such as football, basketball, chess, open debates, cooking classes. arts and craft.

AWARDS & HONORS

14G Cyber Security Scholarship Program

Ingressive for Good and Cisco • 2023

- Completion of a 6 month long cyber security bootcamp covering key security concepts and real world knowledge.

Google Cybersecurity Professional Certificate V2

Google • 2023

- Reinforces my expertise in threat detection, incident response, network security, and risk assessment, strengthening my ability to design secure backend systems and protect applications against modern cyber threats.

Cybersecurity Analyst Career Path

CISCO • 2023

- Structured career-path training covering SIEM monitoring, incident response workflows, vulnerability management, risk assessment, and foundational blue-team operations — directly applicable to Cybersecurity Analyst and SOC roles

SKILLS

Technical Skills: Go, TypeScript, JavaScript, Node.js, NestJS, PostgreSQL, Prisma, Redis, REST APIs, Microservices Architecture, Docker, CI/CD, Next.js, React, Tailwind CSS

Security & Systems: RBAC, OAuth & 2FA, CSP (XSS Protection), Penetration Testing, SIEM Fundamentals, Secure Transaction Design, Event-Driven Systems, Load Balancing

Professional Skills: System Design, Technical Leadership, Cross-Functional Collaboration, Problem Solving, Security-First Engineering

REFERENCES

Dr. Kingsley Attai

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Prof. Daniel Asuquo

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