

George kwabena Asiedu

Fullstack Developer | AWS Cloud Practitioner

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🔗 Portfolio Website

PROFILE

Full-stack Developer specializing in scalable, high-performance web applications and APIs. Skilled in NestJS, Node.js, Angular, TypeScript, Python, and AWS, with a proven ability to turn complex requirements into intuitive, responsive user experiences. Experienced in designing RESTful APIs, cloud-ready architectures, and secure deployments, ensuring solutions are optimized for both performance and reliability. Passionate about creating future-proof digital products that drive measurable impact.

PROFESSIONAL EXPERIENCE

Djoyow

Backend Developer

May 2025

Remote

- Developed and scaled a streaming platform backend serving 1,000+ users with Node.js and TypeScript, ensuring high performance, maintainability, and reliability.
- Integrated Redis caching, cutting database load and improving API response times by 30%.
- Implemented secure authentication and authorization with JWT/OAuth2 and ensured idempotent APIs, enhancing system security and reliability.
- Collaborated with clients and cross-functional teams to define backend architecture, optimize queries, and deliver robust, production-ready API endpoints.

Amalitech

AWS Cloud Practitioner - Intern

Feb 2025 – May 2025

Accra, Ghana

- Provisioned and managed scalable cloud infrastructure using AWS, supporting high-availability applications.
- Led and mentored a team of 8 engineers, providing training and guidance that enabled them to successfully earn their AWS certifications.
- Automated deployments with AWS CLI and CloudFormation templates, reducing manual work and ensuring consistent, repeatable infrastructure provisioning.

Frontend Developer

2023 – 2024

Takoradi, Ghana

- Reduced page load times by 40% by applying Angular performance techniques including code splitting, lazy loading, OnPush change detection, and image optimization, resulting in faster and more efficient applications.
- Implemented state management with NgRx and leveraged Angular signals to optimize reactivity and improve scalability across complex applications.
- Conducted thorough unit testing using Jest, reducing reported bugs by 30% and improving overall product stability and user satisfaction.

Afrolynk

Frontend Developer

2021 – 2023

Takoradi, Ghana

- Collaborated with a cross-functional team of 5 (designers, developers, QA) to enhance and extend UI components using vanilla javascript, improving consistency and reusability across the application.
- Led performance optimization efforts, reducing page load times by 30% while improving accessibility compliance.
- Partnered with designers to deliver pixel-perfect, responsive interfaces, ensuring improved usability, aesthetics, and alignment with modern UX standards.

CERTIFICATES

- AWS Certified Cloud Practitioner 🔗
- Responsive Web Design 🔗

EDUCATION

BTech in Software Engineering

Takoradi Technical University

2024

Takoradi, Ghana

HND in Information Technology

Takoradi Technical University

2021 – 2023

Takoradi, Ghana

SKILLS

- Strong communication
- Good team collaboration
- Version Control (Git & GitHub)
- Javascript/Typescript
- Responsive Design
- Agile/Scrum
- Unit Testing (Jest)
- Angular
- AWS Services
- Nodejs/Nestjs
- Python
- REST APIs

PROJECTS

Personnel Disaster Recovery

A comprehensive web-based disaster management platform built with Angular 18 and TypeScript, featuring a responsive desktop-first design. The system maintains a strategic database of critical professionals deployable during emergency situations through a dual-interface architecture serving both personnel and administrative users.

Real Estate Application (Clone)

A full-featured real estate platform developed with Angular and TypeScript, providing seamless property transaction experiences for buyers, sellers, and agents. Features advanced property search, appointment scheduling, and integrated communication systems.

INTERESTS

Mentorship & knowledge sharing | Open source contributions | Cloud computing & DevOps innovation | Fitness & outdoor activities | Travel & cultural exploration | AI & machine learning applications