George Kwabena Asiedu

Fullstack Developer | AWS Cloud Practitioner

✉ asiedug41@gmail.com 📞 (+233) 203631199 in LinkedIn ⌨ GitHub 🔗 Portfolio Website

PROFILE

Dynamic Full-Stack Developer with expertise in NestJS, Node.js, Angular, TypeScript, Python, and AWS. Specializing in creating scalable, high-performance web applications and robust APIs, I have a proven track record of optimizing performance and ensuring secure cloud-ready deployments. Passionate about designing impactful digital solutions that enhance user experience and drive business outcomes.

PROFESSIONAL EXPERIENCE

Djoyow   Remote
Backend Developer
- Developed and scaled a streaming platform 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%.
- Led and mentored a team of 8 engineers, providing training and guidance that helped them successfully earn their AWS certifications.
- Automated deployments using AWS CloudFormation templates, ensuring consistent and repeatable infrastructure provisioning.

Amalitech   2023 – 2024
Frontend Developer   Takoradi, Ghana
- Reduced page load times by 40% by applying Angular performance techniques including lazy loading and change detection, 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   2021 – 2023
Frontend Developer   Takoradi, Ghana
- Collaborated with a cross-functional team of 5 (designers, developers, QA) to enhance UI components using javascript, improving consistency and reusability across the application.
- Led performance optimization efforts, reducing page load times by 30% while improving accessibility compliance.

CERTIFICATES

- AWS Certified Practitioner 🔗   • Responsive Web Design 🔗   • JavaScript 🔗

EDUCATION

Python Programming   Present
MEST AFRICA

BTech in Software Engineering   2021 – 2024
Takoradi Technical University   Takoradi, Ghana

SKILLS

Soft Skills:
Strong communication, Team collaboration, Leadership, Problem-solving, Attention to details

Frontend:
Angular, Angular Material, TypeScript, JavaScript, HTML5, CSS3, SCSS, Tailwind CSS, Responsive Design

Backend:
Node.js, Express, NestJS, RESTful APIs, Python, Fastapi

Version Control & Collaboration:
Git, GitHub, Agile, Scrum, Jira, Notion, MS Teams

Databases:
Mongo, PostgresSql, Redis

ORMs & Data Tools:
Prisma, TypeORM, Sequelize, NGRX, Beanie ODM

Cloud:
AWS (EC2, S3, RDS, IAM, VPC, CloudFormation)

Testing:
Jest, Jasmine

PROJECTS

E-commerce Platform (In Progress) – Angular, Fastapi, Beanie, MongoDB 🔗

Designing and developing a full-stack e-commerce application with features including product listings, shopping cart, order management, and secure authentication. Implementing Beanie ODM with MongoDB for efficient database operations and Angular for a responsive, user-friendly frontend. This project is enhancing my skills in scalable API design, database modeling, and end-to-end system integration.

Personnel Disaster Recovery - Angular, NestJS, PostgreSQL, Prisma 🔗

Built a disaster management platform with dual interfaces for personnel and administrators, enabling efficient registration and deployment of critical professionals. Designed a strategic skills database to support rapid response and ensure operational continuity during emergencies.

Student Portal Clone – Angular, NestJS, PostgreSQL, TypeORM 🔗

Built a full-stack student portal with features like authentication, course registration, grade tracking, and profile management. Implemented RESTful APIs, reusable Angular components, and optimized database models, strengthening my expertise in state management and full-stack integration.