Edward Kwame Danquah

Software Developer | Front-End and Web Applications | AWS Cloud Foundations | Technology Instructor

East Legon, Accra, Ghana · +233 55 286 0710 · edwardkwamedanquah@gmail.com
linkedin.com/in/edward-kwame-danquah-2ab44a208 · github.com/kwame-sypro

PROFESSIONAL SUMMARY

Computer Engineering graduate (KNUST, 2024) and front-end developer who has built responsive web applications for freelance clients since 2022, using HTML5, CSS3, JavaScript and React, with back-end work in PHP and MySQL. Currently a Technology Instructor at BSD Education Africa, teaching Python and web development, training instructors on the BSD Online learning platform and helping schools and partners run coding programmes.

Holds five AWS Academy credentials covering cloud foundations, architecture, security and data engineering, plus Cisco networking and cybersecurity training and the Google Foundations of Project Management certificate. Equally comfortable writing code, explaining it to learners and working through requirements with clients and non-technical partners. Seeking a software engineering or front-end development role, with a longer-term interest in cloud engineering.

TECHNICAL SKILLS

Languages	JavaScript, Python, PHP, HTML5, CSS3
Front-End	React, responsive web design, cross-device testing, web performance and usability
Back-End and Databases	PHP, MySQL, relational database design and management
Cloud	AWS cloud fundamentals, cloud architecture, cloud security, data engineering concepts
Networking and Security	Networking fundamentals, cybersecurity fundamentals, IT infrastructure, technical support
Engineering Practice	Requirements gathering, testing and debugging, troubleshooting, technical documentation
Education Technology	Learning management systems (BSD Online), instructor training, curriculum and lesson design
Professional	Technical instruction, project coordination, stakeholder engagement, technical reporting, team collaboration

PROFESSIONAL EXPERIENCE

Technology Instructor | BSD Education Africa, Accra

Employment · November 2025 – Present

- Teach Python, HTML, CSS and JavaScript to young learners through structured lessons and hands-on projects that build computational thinking and problem-solving.
- Design and deliver project-based coding lessons; rebuilt starter projects into interactive web lessons, including a Digital Citizenship Guide, Pattern Art with Code and a general knowledge quiz.
- Train instructors to use BSD Online, the organisation's learning management and coding platform, and support its rollout in partner schools and institutions.
- Trained six University of Ghana engineering student volunteers as instructors for the BSD x University of Ghana Summer Camp in a two-phase programme (June 2026).
- Coordinate summer technology camps and coding programmes with schools and partners, including the University of Ghana School of Engineering Sciences and Alliance Française.
- Contribute to curriculum planning and programme design, including a three-phase junior high coding pathway aligned with Ghana's "One Million Coders" agenda.
- Prepare programme reports, training materials and documentation for school partners, parents and internal teams.

Lead Front-End Developer | Freelance

Self-employed, client projects · January 2022 – Present

- Build responsive web applications and client interfaces with HTML5, CSS3, JavaScript and React.
- Gather client requirements and turn them into technical specifications and working features.
- Improve the performance, usability and responsiveness of client websites across desktop and mobile.
- Test and debug applications before release.
- Make technical decisions on client projects and mentor other developers on the team.

Web Developer | No Limits Charity Organization

Volunteer · September 2023 – Present

- Develop and maintain the organisation's website.
- Build web-based tools that support the charity's day-to-day activities.

SELECTED PROJECTS

Online Learning Platform | PHP, MySQL, HTML, CSS, JavaScript

- Developed a web-based learning platform with server-side application logic in PHP and a MySQL database behind it.
- Built the front end in HTML, CSS and JavaScript and connected it to the database layer.

Inventory Management System | PHP, MySQL

- Developed a database-backed inventory application for recording and managing stock.

Portfolio and Client Web Application

- Built web interfaces and client-facing applications with a focus on responsive layout, usability and load performance.

Educational Coding Projects | Python, HTML, CSS, JavaScript

- Created coding exercises and interactive teaching demos, including a working JavaScript calculator and paired styled and unstyled web pages that show learners what CSS does.
- Turned beginner projects into interactive lessons used in BSD classes and home tuition.

CERTIFICATIONS AND TRAINING

Amazon Web Services (AWS Academy)

AWS Academy Cloud Foundations
AWS Academy Cloud Architecting
AWS Academy Cloud Security Foundations
AWS Academy Data Engineering
AWS Academy Introduction to Cloud

Cisco Networking Academy

Network Technician Career Path
Introduction to Cybersecurity

Google

Foundations of Project Management

EDUCATION

BSc Computer Engineering

Kwame Nkrumah University of Science and Technology (KNUST), Kumasi · 2024

LANGUAGES

English (fluent) · Akan (native) · Ga