

Edward Dziworshie

Cloud Solutions Architect | Software Developer | IT Project Manager

Greater Accra Region, Ghana • +233 54 177 9818 • edwarddziworshie@gmail.com • linkedin.com/in/edwarddziworshie

PROFESSIONAL SUMMARY

Results-driven IT Professional with extensive experience in cloud architecture, software development, and IT project management. Proven expertise in multiple programming languages, frameworks, and cloud technologies. Successfully led over 20 projects from conception to deployment, consistently delivering high-quality solutions within budget constraints while exceeding stakeholder expectations.

WORK EXPERIENCE

GLICO Pension | Accra

November 2023 - October 2024

Management Information System Officer

- Modernized data integration processes by creating automated ETL pipelines, reducing manual data entry by 85%
- Engineered VBA automation scripts that accelerated operational workflows by 30%, saving approximately 15 hours weekly
- Created comprehensive data visualization reports that enhanced executive decision-making and strategic planning

Freelance | Navrongo

January 2023 - October 2023

Software Developer

- Collaborated in an agile development team to design and implement scalable software solutions for diverse clients
- Optimized application performance through debugging and code refactoring, improving response times by 15%
- Architected and implemented a RESTful API using Entity Framework that facilitated real-time data monitoring and visualization
- Integrated CI/CD workflows to streamline development processes and ensure consistent code quality

Ghana Water Company Ltd | Tamale

November 2022 - December 2022

IT Support Intern

- Utilized ARCGIS, QGIS, and AUTOCAD to generate and analyze geographical data for infrastructure planning
- Supported database administration by implementing data validation protocols that improved data integrity by 25%
- Assisted with technology presentations and technical documentation for executive stakeholders

EDUCATION

Azubi Africa

2025 - present

Cloud Computing

C.K. Tedom University of Technology and Applied Sciences

2021 - 2023

BSc. Computer Science

TECHNICAL SKILLS

Cloud Technologies: Amazon Web Services (EC2, S3, Lambda, RDS, CloudFormation), Cloud Architecture Design

Development: TypeScript, Java, C#, SQL, RESTful API Design, Microservices

DevOps & Automation: Terraform, Docker, Kubernetes, GitHub Actions, CI/CD Pipelines

Security & Governance: Network Security, IAM, Cloud Security Best Practices, Compliance Frameworks

Tools & Platforms: Git, Visual Studio, VS Code, SQL Server, PowerPoint

KEY PROJECTS

Enterprise-Grade 3-Tier AWS Architecture

Lead Project Manager

- Led cross-functional team in designing and implementing a fault-tolerant, auto-scaling cloud infrastructure
- Established infrastructure-as-code practices using Terraform that reduced deployment time by 60%
- Implemented comprehensive monitoring solutions that provided real-time system health metrics
- Created detailed documentation and knowledge transfer protocols for ongoing maintenance

Inventory Management System

Lead Software Engineer

- Architected a full-stack inventory management solution with real-time analytics and reporting capabilities
- Designed a normalized SQL Server database that improved query performance by 40%
- Implemented responsive UI/UX design principles that increased user adoption by 65%
- Integrated barcode scanning functionality that reduced inventory processing time by 75%

Personal Portfolio Website

Designer and developer

- Designed and deployed a professional portfolio website showcasing projects and technical capabilities
- Implemented responsive design using modern CSS frameworks, ensuring a seamless experience across devices
- Established CI/CD pipelines with automated testing, reducing deployment time by 50%
- Achieved 70% increase in professional engagement through strategic SEO optimization

Educational Mobile Application

Lead Software Engineer

- Developed an Android application with gamified learning features that increased user engagement by 45%
- Implemented SQLite database with efficient query optimization for faster response times
- Created an intuitive UI design that received a 4.8/5 rating in usability testing

Certifications

- AWS Certified Solutions Architect - Associate (In Progress)
- Introduction to ITIL® V4 (Simplilearn)
- Docker Essentials (Simplilearn)
- Agile Project Management (HP LIFE)
- Next-Gen Network Security (IT Masters)

Additional Skills: Critical Thinking for Decision-Making, SQL Proficiency, Agile Methodologies, Cloud Security Best Practices