

Edward Dziworshie

Cloud Engineer

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WORK EXPERIENCE

GLICO Pension | Accra

November 2023 - October 2024

Management Information System Officer

- Modernized data integration processes by enhancing automated ETL pipelines, reducing manual data entry time by 85%.
- Engineered VBA automation scripts that sped up operational workflows by 30%, saving around 15 hours each week.
- Collaborated with 3 departments to ensure alignment of technical solutions with business objectives.

Freelance | Navrongo

January 2023 - October 2023

Software Developer

- Optimized application performance through debugging and code refactoring, improving response times by 15%.
- Created comprehensive technical documents, including flowcharts, diagrams, and database schemas, simplifying the software development process and reducing development time by approximately 35%.
- Engineered and implemented a RESTful API using Entity Framework that facilitated real-time data monitoring and visualization, resulting in a 20% improvement in data-driven decision-making processes.

Ghana Water Company Ltd | Tamale

November 2022 - December 2022

IT Support Intern

- Strengthened database administration by applying data validation protocols that improved data integrity by 25%.
- Effectively communicated and thoroughly explained complex technical concepts to stakeholders without technical backgrounds.
- Collaborated with senior IT leaders to develop 20+ pages of technical documentation outlining system architecture and security protocols, which increased understanding among non-technical executive decision makers.

EDUCATION

Azubi Africa

February 2025 - present

Cloud Computing

C.K. Tedam University of Technology and Applied Sciences

February 2021 - October 2023

BSc. Computer Science

TECHNICAL SKILLS

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

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

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

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

PROJECTS

Personal Portfolio Website:

March 2025

Designer and developer

[Blaze Portfolio](#)

- Designed and launched a fully responsive portfolio website highlighting 5 key professional projects.
- Configured CI/CD pipelines with GitHub Actions, decreasing deployment time by 50%.
- Achieved 70% increase in professional engagement through strategic SEO optimization.

Enterprise-Grade 3-Tier AWS Architecture

March 2025

Lead Project Manager

- Led a cross-functional five-member team in designing and deploying a fault-tolerant, auto-scaling cloud infrastructure.
- Executed comprehensive monitoring solutions across 5 critical components that provided real-time system health metrics.
- Set up alerts for budget threshold violations, using AWS Budgets, reducing cost by 50%.

Inventory Management System:

August 2023

Lead Software Engineer

[Goods Guardian App](#)

- Designed and implemented a full-stack inventory management solution with real-time data analytics and reporting capable of processing over 1000 transactions daily.
- Prepared a normalized SQL Server database schema that boosted query performance by 40%.
- Incorporated responsive UI/UX design principles that increased user adoption by 65%.

CERTIFICATIONS

- AWS Knowledge: Architecting
- AWS Knowledge: Cloud Practitioner Essentials
- Introduction to ITIL® V4 (Simplilearn)
- SQL Essential Training (LinkedIn)
- Agile Project Management (HP LIFE)
- Next-Gen Network Security (IT Masters)