

Edward Dziworshie

Cloud Solutions Architect | Software Developer

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PROFESSIONAL SUMMARY

I am a results-driven IT professional with experience in software development, data analysis, and marketing technology integration. I have a proven track record of identifying key trends and implementing innovative technical solutions that significantly enhance business performance. I have a sharp analytical mindset and a keen eye for detail, complemented by exceptional communication skills. My enthusiasm for digital advertising technology drives me to explore innovative solutions and engage effectively with diverse audiences.

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
- Analyzed performance metrics to identify trends and provide actionable insights for business improvement

Freelance | Navrongo January 2023 - October 2023

Software Developer

- Devised and implemented data analytics solutions that helped clients optimize marketing performance
- Optimized application performance through debugging and code refactoring, improving response times by 15%
- Constructed dashboard solutions for campaign performance monitoring, enhancing client decision-making processes
- Communicated technical concepts to non-technical stakeholders

Ghana Water Company Ltd | Tamale November 2022 - December 2022

IT Support Intern

- Supported database administration by applying data validation protocols that improved data integrity by 25%
- Utilized data visualization tools to present complex information in accessible formats
- Assisted with technology presentations and technical documentation for executive stakeholders

EDUCATION

Azubi Africa 2025 - present

Cloud Computing

C.K. Tedam 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

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:
Designer and developer

March 2025
[Blaze Portfolio](#)

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

Enterprise-Grade 3-Tier AWS Architecture
Lead Project Manager

February 2025

- Led cross-functional team in designing and deploying a fault-tolerant, auto-scaling cloud infrastructure
- Established infrastructure-as-code practices using Terraform that cut deployment time by 60%
- Executed comprehensive monitoring solutions that provided real-time system health metrics
- Created detailed documentation and knowledge transfer protocols for ongoing maintenance
- Set up automated alerts for budget threshold violations, using AWS Budgets

Inventory Management System:
Lead Software Engineer

August 2023
[Goods Guardian App](#)

- Architected a full-stack inventory management solution with real-time data analytics and reporting capabilities
- Programmed an automated reporting system that reduced manual report generation time by 75%
- 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 Certified Solutions Architect - Associate (In Progress)
- AWS Cloud Practitioner Essentials
- Introduction to ITIL® V4 (Simplilearn)
- SQL Essential Training (LinkedIn)
- Agile Project Management (HP LIFE)
- Next-Gen Network Security (IT Masters)

Additional Skills: Critical Thinking for Decision-Making, SQL Proficiency, Agile Methodologies, Cloud Security, business intelligence tools