

Daniel Sarpong

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EXPERIENCE

DevOps Engineer

10/2024 – Present

AmaliTech gGmbH

Ghana

- Automate infrastructure provisioning and configuration using Terraform and Ansible on AWS.
- Set up monitoring and alerting with Prometheus and Grafana to ensure system reliability and performance.
- Build CI/CD pipelines using GitHub Actions and Jenkins for microservices across different environments.
- Improve deployment speed and reduced system downtime through automated testing and container orchestration using Docker and ECS.
- Collaborate with developers, QA, and managers to enhance DevSecOps workflows, contributing to secure and efficient development environments.

Networking Intern

09/2023 – 11/2023

DigiCAP GH

Ghana

- Engaged in workshops covering networking fundamentals and protocols, honing shell scripting skills.
- Configured routers, switches, and firewalls in a controlled environment.
- Worked with experienced network engineers and received mentorship, focusing on efficient problem-solving.

Intern

08/2021 – 10/2021

SideHustle NG (Terra)

Remote

- Executed tasks to gain proficiency in Python programming and applied theoretical knowledge effectively.
- Contributed to projects with focus on remote collaboration and communication skills.
- Adapted to a remote work environment with strong communication skills.

CERTIFICATIONS

AWS Certified Cloud Practitioner  | AWS Certified Solutions Architect – Associate 

SKILLS

Technical Skills — Prompt Engineering, Debugging, Unit Testing, Shell Scripting, Agile Methodologies, Microservices, Data Structures and Algorithms, Technical Documentation, Linux Process Management, **Soft Skills** — Adaptability, Teamwork, Problem-solving, Time management, Communication and Interpersonal skills, **Technologies** — Python, C, C++, JavaScript, HTML, CSS, SQL, Git, Terraform, Ansible, AWS, Prometheus, Grafana, GitHub Actions, GitLab CI, Jenkins, Docker, Kubernetes, ECS, S3, PostgreSQL, MariaDB, MySQL, Linux

EDUCATION

COMPUTER SCIENCE (BACHELOR OF SCIENCE) <i>University of Cape Coast</i>	2021 – 2024 Ghana
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ACCOMPLISHMENTS

Internet of Things Club Lead <i>University of Cape Coast - CITSA</i>	2023 – 2024 Ghana
Technology and Logistics Club President <i>Achimota Senior High School</i>	2018 – 2019 Ghana

INTERESTS

Embedded Systems | Device Tinkering | Anime | Music | Video Games | Basketball | Football