

Daniel Sarpong

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Profile

Results-driven DevOps Engineer with experience in cloud infrastructure, CI/CD automation, and system monitoring. Skilled in utilizing tools to enhance workflows, reduce deployment times, and improve stability. Committed to building scalable and secure DevOps pipelines while fostering continuous improvement and innovation.

Skills

Technical Skills

Python, C, C++, JavaScript, HTML, CSS, SQL, Git, GitHub, Prompt Engineering, Debugging, and Testing

Soft Skills

Adaptability, Teamwork, Problem-solving, Time management, Communication and Interpersonal skills

Certifications

- AWS Certified Cloud Practitioner

Experience

10/2024 – 09/2025	AmaliTech Ghana, DevOps Engineer <ul style="list-style-type: none">Automated 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.Built CI/CD pipelines using GitHub Actions and Jenkins for microservices across different environments.Improved deployment speed and reduced system downtime through automated testing and container orchestration using Docker and ECS.Collaborated cross-functionally with developers, QA, and project managers to enhance DevSecOps workflows and ensure compliance with security best practices.	Ghana
09/2023 – 11/2023	DigiCap GH, Networking Intern <ul style="list-style-type: none">Engaged in intensive workshops covering networking fundamentals, protocols, and best practicesEnhanced skills through hands-on labs simulating real-world scenariosConfigured routers, switches, and firewalls in a controlled environmentWorked closely with experienced network engineers and received personalized guidance and mentorship	Ghana
08/2021 – 10/2021	SideHustle NG (Terra), Intern <ul style="list-style-type: none">Successfully executed individual and team tasks, achieving proficiency in Python programmingDemonstrated strong communication and coordination skills while adapting to a remote work environment	Remote

- Contributed to significant projects, applying theoretical knowledge effectively in practical scenarios
- Engaged in continuous learning, enhancing expertise in Python and related technologies

Training and Skills Development

07/2024	ALX Africa - Software Engineering Training, Foundations
	<ul style="list-style-type: none"> • Gained practical experience in designing, developing, and maintaining software applications using Python, C, and JavaScript • Practiced Agile methodologies (Scrum and Kanban) during project development, enhancing team productivity and project delivery efficiency • Worked effectively in diverse teams, fostering a collaborative environment and promoting shared learning
12/2023	Havard University Online - CS50x (edX)
	<ul style="list-style-type: none"> • Comprehensive study of algorithms, data structures, software engineering, and web development • Enhanced problem-solving abilities and developed skills in C, SQL, JavaScript, HTML, and CSS for web development.
08/2023	GlobalCode Summer Camp
	<ul style="list-style-type: none"> • Gained practical knowledge of IoT concepts and applications, as well as secure practices in IoT system design, using Raspberry Pi • Worked in teams to build IoT systems, improving teamwork, communication, and collaborative problem-solving skills
10/2021	Jobberman Soft-skills Training
	<ul style="list-style-type: none"> • Improved verbal and written communication skills for professional interactions • Applied time management strategies and developed effective teamwork skills through group projects and discussions

Accomplishments

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

Education

2021 – 2024	COMPUTER SCIENCE (BACHELOR OF SCIENCE), <i>University of Cape Coast</i>	Ghana
2016 – 2019	WASSCE CERTIFICATE (GENERAL SCIENCE), <i>Achimota Senior High School</i>	Ghana

Affiliations

2022 – present	Internet Society, Member
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