Collins Adom Baffour	Email: adombaffourcollins@gmail.com Mobile: +233241036146 Address: Ringway Extension, Accra, Ghana LinkedIn: https://www.linkedin.com/in/collins-adom-baffour GitHub: https://github.com/charisad

Solution-driven DevOps Engineer with over three years of experience designing, implementing, and managing cloud-native and on-premises infrastructure in the Fintech industry. Skilled in orchestrating large-scale systems using Kubernetes, Redis, AWS, and PostgreSQL. Proficient in monitoring and logging with tools such as New Relic, ELK Stack, Datadog, and Grafana to ensure system health and reliability. Experienced in building and optimizing CI/CD pipelines using Azure DevOps, GitLab, and GitHub Actions, improving deployment efficiency and operational performance.

EDUCATION

KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY   **2015 - 2019**
BSc Computer Science (2:1 Hons)

EXPERIENCE

Hubtel Limited   **July 2023 -   Present**
Site Reliability Engineer (DevOps)

- Deployed and managed Kubernetes clusters on AWS (EKS), ensuring high availability and scalability of microservices by maintaining an infrastructure capable of handling up to 10 million transactions per day, leveraging Kubernetes features for auto- scaling and load balancing.

- Implemented monitoring solutions using New Relic, Datadog, and Grafana, reducing system downtime by 30%. Developed custom dashboards for real-time metrics and alerts, enhancing system observability.

- Integrated Apache Kafka and Amazon Managed Streaming for Apache Kafka (MSK) into the architecture, enabling real-time data processing and streaming. Optimized Kafka clusters for performance and reliability, supporting high-throughput data pipelines.

- Designed and maintained CI/CD pipelines using Azure DevOps, enabling continuous integration and faster release cycles. Automated testing and deployment processes, reducing errors and improving release quality.

- Ensured infrastructure security using IAM roles, VPC configurations, and regular vulnerability assessments. Managed compliance with industry standards such as PCI-DSS and HIPAA, leading to successful security audits

- Collaborated with product teams to enhance service reliability by transitioning legacy systems to a microservices architecture, effectively eliminating single points of failure.

Sovereign Payment Solutions Limited   **September 2021 - July 2023**
DevOps Engineer

- Automated infrastructure provisioning on AWS using Terraform, creating reusable modules for launching VPC, EC2, RDS, ALB and ECS, reducing deployment time and ensuring consistent infrastructure across environments.

- Built CI/CD pipelines using GitHub Actions for infrastructure deployment and application releases.
- Managed service lifecycle with systemd, ensuring smooth startup, monitoring, and recovery processes.
- Enhanced infrastructure monitoring using CloudWatch, Prometheus, and Grafana, improving system visibility and uptime.

- Collaborated with developers to improve code quality and deployment processes, promoting a DevOps culture.
- Managed service lifecycle with systemd, ensuring smooth startup, monitoring, and recovery processes.

• Deployed and managed containerized applications with Docker and Elastic Container Service.

Amalitech Services   April 2021 - Aug 2021
Software Engineer (FullStack)

• Conceived and built responsive company landing pages using React.js, ensuring cross-browser compatibility and a consistent user experience across all major web browsers. This development approach not only enhanced the visual appeal and performance of the website but also improved accessibility for a wider audience, contributing to increased user engagement and satisfaction.

• Built RESTful APIs using Spring Boot for an employee management system, enabling efficient handling of employee data, including CRUD operations for employee records, role management, and department assignments. These APIs provided a scalable and secure backend solution that facilitated seamless integration with various front-end applications, enhancing the overall system's functionality and user experience.

Ghana National Service Scheme   September 2019 - March 2021
Database Administrator

• Optimized existing databases to meet specific project needs and achieve a 10% scalability target, ensuring enhanced performance and reliability.

• Proposed and led the migration of on-premises databases to AWS, reducing server management overhead and improving scalability.

SKILLS

- **DevOps Tools:** Kubernetes, Docker, Jenkins, Terraform, Ansible, SpaceLift, Kustomize, Lens
- **Cloud Platforms:** AWS, GCP
- **Databases:** PostgreSQL, Redis, MySQL, MsSql
- **Monitoring & Logging:** New Relic, ELK Stack, Graylogs, Grafana, Loki , Nagios, Datadog
- **CI/CD:** Azure DevOps, GitLab CI, GitHub Actions
- **Languages:** Python, Bash, Java, JavaScript, C#, Typescript
- **Version Control:** Git, GitHub, GitLab
- **Operating Systems:** Linux (Debian, RedHat), Windows
- **Soft Skills**: Detail Oriented, Teamwork, Client Facing Experience, Agile Workflow, SOLID