Contact

hillaryoyaroh@gmail.com

www.linkedin.com/in/hillaryoyaro (LinkedIn)

github.com/hillaryoyaro (Other)

Top Skills

Algorithm Development

Prometheus.io

Soft Skills

Languages

English

Swahili

Certifications

LFS250: Kubernetes and Cloud Native Essentials

Software Engineer

Google Cloud

AWS Technical Accredited

Hillary Oyaro

DevOps Engineer & Software Engineer |

Nairobi County, Kenya

Summary

DevOps Engineer with a strong foundation in software engineering, specializing in designing and managing scalable microservices, distributed systems, and serverless architectures.
• Cloud & Containerization – Proficient in AWS, Docker, and Kubernetes, with expertise in Helm charts and ArgoCD for efficient Kubernetes cluster management and GitOps workflows.
• Infrastructure as Code (IaC) – Skilled in Terraform and Ansible to automate infrastructure provisioning and management.
• Networking & Optimization – Experienced in DNS management, networking, and cost optimization, ensuring high availability and performance.
• CI/CD & Automation – Proficient in building CI/CD pipelines using Jenkins, GitHub Actions, and ArgoCD, eliminating bottlenecks and accelerating software delivery.
• Scalability & Reliability – Passionate about building resilient, scalable infrastructures and collaborating with cross-functional teams to deliver secure, high-performing cloud solutions

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Experience

Upwork
DevOps Engineer
May 2024 - Present (1 year 4 months)

-Successfully migrated a monolithic architecture to AWS and Kubernetes, transforming system scalability and availability. Achieved 99.95% uptime, fully aligned with defined Service Level Agreements (SLAs) and business continuity goals.

-Reduced deployment time by 40% with fully automated CI/CD pipelines. Defined and implemented SLOs and error budgets for key services, improving system reliability tracking and incident response.

-Automated infrastructure provisioning and compliance audits, cutting manual effort by over 60%.

Outering
DevOps Engineer
August 2023 - December 2024 (1 year 5 months)

-Led the successful migration of a multi-project architecture to AWS, integrating Cyber Panel. This initiative resulted in a reduction in downtime and improvement in system performance, while detailed documentation streamlined deployment processes for team adoption.

-Developed secure login authentication systems using Next.js and Google AUTH API's on Google Cloud, enhancing user experience and boosting login success rates by reducing unauthorized access attempts.

Elloe AI
Full Stack Software Engineer
June 2023 - May 2024 (1 year)
San Mateo, California, United States

-Engineered conversational AI chatbot interfaces with React and TypeScript, improving user interaction efficiency through intuitive designs and faster response times.

- Built and optimized chatbot backend systems using Node.js, reducing API latency and ensuring seamless integration with third-party services via RESTful APIs.

Chandarana Foodplus Ltd.
Product Manager
October 2018 - November 2021 (3 years 2 months)
Mombasa Kenya

-Researched and implemented retail algorithms such as repeat purchase patterns, customer segmentation, cross-sale strategies, and loyalty programs, contributing to an increase in customer retention and boosting in overall profit margins.

- Utilized retail point of sale (POS) software tools to analyze sales trends and prepare actionable reports, enabling data driven decision making that increased operational efficiency.

Education

Alx_Africa Software Engineer Program
Software Engineer, Computer Software Engineering · (February 2022 - April 2023)

Taita Taveta University
Bachelor's degree, Mathematics and Computer Science