

Solomon Wakhungu

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Skills

Programming Languages: Go, Python, JavaScript, Bash, HTML, CSS

Frameworks & Libraries: Flask, React, Node.js, Django

Cloud Platforms: AWS, Azure, GCP

Infrastructure as Code (IaC): Terraform, Terragrunt

Experience

Aviatrix Santa Clara, CA
Jr. Solutions Architect Sep. 2025 – Present

- Integrated n8n Enterprise on Kubernetes (AWS EKS) using Helm Charts and concurrent job scheduling, reducing manual internal developer operations by 87%.
- Deployed Kubernetes-based microservices with Prometheus monitoring and Blue/Green Deployments, achieving 99.97% uptime.
- Reduced monthly costs by \$57,127 by integrating AWS Budgets through Terraform and Lambda-based event-driven automation.

Aviatrix Santa Clara, CA
DevOps Engineer Aug. 2024 – Oct. 2024

- Implemented Dockerized workflows for automated cloud resource decommissioning across AWS, GCP, OCI, and Azure using Terraform, reducing weekly effort by 73 hours.
- Partnered with the Sales Team to deploy pod deployment processes using AWS Batch, Kubernetes, and ECS, reducing onboarding time to 30 minutes.

Aviatrix Santa Clara, CA
Solutions Architect Intern Sep. 2023 – Jul. 2024

- Collaborated with cross-functional engineering and content teams to architect scalable design strategies for the course delivery platform, improving development speed by 49%.
- Designed a CI/CD pipeline with GitHub Actions and Terraform, incorporating automated rollbacks to support 12 daily educational content releases.

Amazon Seattle, WA
Software Engineer Intern May 2023 – Jul. 2023

- Developed an Alexa Skill handling over 407,000 monthly requests by integrating AWS Lambda with Alexa Skills Kit and Amazon CloudWatch, achieving 210ms latency.
- Reduced data retrieval latency by 56% through integration of Amazon S3 and DynamoDB, leveraging partition key design and AWS X-Ray for improved throughput.

Aviatrix Santa Clara, CA
Technical Marketing Engineering DevOps Intern Nov. 2021 – Aug. 2022

- Migrated Python codebase to Go, automating 86% of deployments and cutting deployment time by 33%.

Neurensence Inc. Remote
Software Developer May 2021 – Aug. 2021

- Supported an image-processing platform serving 5,000+ researchers and 130,000+ images.

Education

University of Texas at Dallas Richardson, TX
Bachelor of Science, Computer Science. GPA: 3.9/4.0 August 2020 - May 2024