Sisco Cherono

Software Engineer , Cloud Practitioner & Community Manager

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Skills

Programming Languages

- JavaScript
- TypeScript
- PHP
- Python
- SQL
- PowerShell

Software Techniques

- Linux & Ms Windows
- Orchestration Management
- Elastic Container Service
- Google Cloud Platform Service
- GKE, GSE & GCE
- Ansible
- Docker&Kubernetes
- Azure AI

Tools/Development

- Git & Github
- Networking technologies
- CI - Github Actions
- Apache Tomcat & Nginx
- Hyper-V & VMware

Work Experience

Women In AI - Community Manager & AI engineer (March. 2023 - Ongoing)

- I foster an inclusive community for women in AI, promoting collaboration, knowledge sharing, and growth; aligning with the need for consistent teamwork and support
- I integrate Azure AI services into existing systems and applications, leveraging APIs and SDKs to incorporate functionalities like natural language processing, computer vision, speech recognition, and anomaly detection.

ICIPE - Software Engineer (Feb. 2023 - Ongoing)

- Implemented a robust CI/CD pipeline using Ansible and GitHub workflows, streamlining project development and deployment processes.
- Collaborated with 12 engineers, prioritized breakdown tasks, and conducted MVP process through a weekly scrum from idea to commercialization for features reaching thousand of scientists on the globe.
- Successfully migrated a React web application from server-side rendering to a client-side rendering Single Page Application (SPA), demonstrating proficiency in containerization and orchestration services.
- I developed APIs and UI using JavaScript libraries such as Next.js and Nest.js, while also containerizing applications with Docker and integrating them into Kubernetes, showcasing expertise in modern web application development, containerization, and cloud services.

Blue Neuron Inc. - Software Architect & Technical Support Engineer (Sept. 2021 - Jan. 2023)

- System Optimization: Achieved a 30% reduction in development time by implementing extensive system architecture and design enhancements.
- I effectively managed Linux and Windows servers, optimizing network settings, administering virtualized environments (VMware, Hyper-V), and enhancing security (Firewalls, IDS) through patch updates, user account management, performance monitoring, and scripting for automation, ensuring operational efficiency and data integrity

Andela x GADS - Google Cloud Practitioner(January 2022- September 2022)

- During my tenure at Andela x GADS as a Google Cloud Practitioner, I received comprehensive training. This encompassed hands-on experience with Kubernetes, Docker, and CI/CD tools like kubectl, Helm, Docker Compose, Jenkins, GitLab CI/CD, and Travis CI.
  I also gained proficiency in Google Cloud Platform (GCP), utilizing services such as Google Compute Engine, Google Cloud Storage, and Google Kubernetes Engine (GKE) for scalable cloud solutions. Additionally, I honed my scripting skills in Python and Bash, enabling task automation and the implementation of infrastructure as code (IAC) practices

Education

Flapmax AI Institute (FAI), Florida, United States - Certificate in Ms Azure A-Z fundamentals

Andela X Google Africa Developer Scholarship, - Certified Google Cloud Practitioner

Jomo Kenyatta University Of Agriculture And Technology - Bachelor of Science in Mathematics And Computer Science

Starehe Girls' Center & School, - Kenya Certificate Of Secondary Education