

ABELTEUM

DEVOPS ENGINEER AND GOLD FELLOW AT THE ROOM

PROFESSIONAL SUMMARY

I'm a computer engineering devotee with 2 years in-depth experience in design and development. In a nutshell, I create systems that help organizations address business challenges and meet their needs. I am enthusiastic about software architecture, development, and security to cloud hosting and engineering. My expertise lies mainly within back-end API development and cloud engineering. I'm also proud to have graduated in the top 5% of the ALX Tech program and selected for the Gold Fellowship program at The ROOM.

TECHNICAL SKILLS

- Programming Languages: Python, JavaScript, and Ruby
- Frameworks: Django, Flask, Fast_API, and Node/Express
- Databases: PostgreSQL, MySQL, Redis, MongoDB, DynamoDB, Memcached, Elasticsearch
- CI/CD Tools: Jenkins, Puppet, Chef, Ansible, Cloud-formation, Azure-DevOps, CircleCI, Git,
- Operating Systems: Linux and Windows
- Automation/ Testing Tools: Selenium
- Version Control: GitHub, Git-labs, Azure-git-repo
- Project Management Tools: Jira, ClickUp, and Trello

CONTACT ME

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WORK EXPERIENCE

DevOps engineer

2022 - present

Zema-multimedia | Addis Abeba. Ethiopia

Design and implement q cloud-native, scalable, and reliable micro-service architectures using event-driven design principles. I have evaluated and utilized various cutting-edge technologies, including Kubernetes, service mesh, PostgreSQL databases, and cloud functions, to optimize system performance and resource utilization. I managed and deployed systems on GCP and Azure, and designed and deployed high-quality applications for music streaming, logistics, and delivery.

Senior DevOps engineer

2023 - present

Tefer.io | Addis Abeba, Ethiopia

Deploy applications to AWS, GCP and Azure. Design infrastructure using configuration management, orchestration and code. Implement CI/CD pipelines using Chef, Azure-DevOps, Terraform, and other tools. Architect monitoring, logging and alerts using tools like Prometheus, Cloud-watch and other tools. Automate operations with scripts, code and tools like Ansible. Optimize costs, performance, scalability and security through automation and refinements. Improve operations through new technologies and practices. Stay current with DevOps, tools and clouds.

Senior DevOps engineer

2023 - present

Yiha-Tech | Addis Abeba. Ethiopia

Designing and implementing on-premises, scalable, and reliable micro-service architecture. I keep evaluating and utilized various cutting-edge technologies, including Kubernetes, service mesh, API gateways, monitoring tools and other technologies to optimize system performance and resource utilization. I managed and deployed systems on linux servers, designed and deployed high-quality applications for mapping services

Represented by: **The Room**
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EDUCATION

Electrical&computer engineering
Mekelle University
2006 - 2008
<http://www.mu.edu.et/>

CERTIFICATIONS

Cloud DevOps Nano Degree
Udacity.com
2006 - 2008
<https://graduation.udacity.com/cconfirm/EKTLRARJ>

REFERENCES

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PROJECTS

Lole-delivery 2022 - ongoing

Designed and implemented cloud-native, scalable, and reliable micro-service application for a delivery and logistics system using event-driven design principles. I have evaluated and utilized various technologies, including Containerization, Azure-devops, and other tools to optimize system performance and resource utilization. I have managed and deployed it on Google cloud platform.

Zema-multimedia 2022 - ongoing

Zema-multimedia is Ethiopia based music streaming application startup. As the DevOps engineer, I have designed and developed the architecture of a scalable, cloud-based micro-service system. I wrote full modularized CI/CD pipelines using Terraform and Azure-DevOps. I have managed infrastructures on Azure and GCP, configuring cloud resources, networking, security and monitoring tools like AKS. In addition, I have reviewed other team members design and code for quality, adherence to cloud best practices and to optimize the system.

<https://play.google.com/store/apps/details?id=com.zema.music.player>

Stableduel 2023 - ongoing

StableDuel is a US based daily multi-race contest application for live horse racing. As DevOps engineer, I have designed and implemented full on DevOps pipeline. Implemented infrastructure as code on a multi-cloud environment using Terraform, managed servers with Ansible, deployed containers with Docker and setup continuous delivery using Azure DevOps.

<https://stableduel-android.s3.amazonaws.com/app-release.apk>