**HUSSEIN ALAMUTU**

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**Profile:**

A skilled cloud devops professional, with expertise in Amazon Web Services, and Other Cloud Providers. A resilient, detail oriented and passionate professional seeking to apply acquired experience and knowledge to transform client’s infrastructure, applications and operation to the most innovative, scalable, highly available, secured, cost effective and fault tolerant system on all cloud platforms using mordern devops practices.

**Technical Skills**

* **DevOps tools**: Hands-on with Jenkins, Ansible, GitHub, GitLab, Azure DevOps, Circle CI, Code Star, Code Commit, Code Pipeline or any build automation deployment tool.
* **Data Base Experience**: (PostgreSQL, MySQL, SQ-09L, Oracle, DynamoDB, Redis) Expertise with IPsec, VPN, Load balancing, Imperf, MTR, Routing Protocols, SSH, Network monitoring and troubleshooting tools.
* **Configuration Management/programming Language**: Hands-on with CloudFormation, ARM, Terraform, YAML, Bash, Python, JSON for IAM policies.
* **AWS**: IAM, VPC, EC2, Subnet, VPC endpoint, VPC peering, Transit gateway, Route table, Baston host, NAT gateway, NACL, Security group, Route53, CloudFront, S3, AWS organizations, SSM, SNS, SQS, RDS, CloudWatch, CloudTrail, SecurityHub, GuardDuty, Secrets Manager, KMS, EKS, Lambda.
* **Azure:** Azure devops, Azure policy, AKS, Azure monitor, cosmos DB, Azure functions, Container registry, Container apps, Visual studio, App service, Monitor logs, SSE, S4, MFA, ALB, WAF, NSG, ADP.
* **Platform**s: Linux, Windows.

**Professional Experience**

***Ivy***

***Python Developer***

***July 2022 - Present***

* Write reusable, testable and efficient Python code.
* Refactor codes to adhere to the Python Array API standard
* Creating Jupyter notebooks on Pytorch geometric etc.
* Implementing machine learning architectures

***GoldenOx Partners Ltd***

***Cloud DevOps Engineer***

***May 2021 – July 2022***

* Extensive experience on configuring Amazon EC2, Elastic IP, S3, ELB, IAM and Security groups in public and private subnets in AWS.
* Utilized AWS CLI to create EC2 instances, automate backups of ephemeral data stores to S3 buckets, EBS and create nightly AMIs for mission critical production servers as backup.
* Involved in setup and configuration of Jenkins.
* Maintained and developed Docker images for a tech stack including Cassandra, Kafka running in Azure and AWS.
* Managed network security using Load balancer, Auto scaling, Security groups and NACL.
* Extensively worked on Jenkins CI/CD pipeline jobs for end-to-end automation to build, test and deliver artifacts and troubleshoot the build issue during the Jenkins build process.
* Experience working with scripting languages such as Python and Bash.
* Automate the creation of infrastructure on AWS and Azure using Terraform, Cloud Formation and ARM.
* Build and deployed artifacts into different environment(Dev, QA and Prod)
* Implemented multiple high performance DynamoDB replica sets on EC2 with robust reliability.
* Managed bugs and changes into a production environment using the JIRA tool.
* Configured SNS and SQS to monitor the cloud resources and get alerted in case of issues.
* Manage Keyvault for securing API keys and secrets, passwords, SSL certificates and sensitive data for cloud DevOps and Application team.
* Provisioned cloud infrastructures to enable the seamless deployment of serverless application on Firebase.

***GoldenOx Partners Ltd***

***Full Stack Engineer(B.E Heavy)***

***Nov 2020 – Apr 2021***

* Involved in analysis and design of application features
* Collaborated with Product managers and Product designers regarding product definition, schedule, scope, and project related decisions.
* Worked with QA Engineers to perform unit and integration testing.
* Develop back end features and applications using Django
* Deployed into Jenkins using Git version control.
* Made use of PostgreSQL with Django while building the backend.
* Experienced in Agile methodologies and SCRUM Process.
* Took part in the entire software development life cycle(SDLC).
* Implement code in python to retrieve and manipulate data.
* Performed troubleshooting, fixed and deployed many python bug fixes of the two main features that were a main source of data for the customers and internal customer service team.
* Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.
* Accurately documented progress of a project.
* Involved in designing user interactive web pages as the front end part of the web application using various web technologies like HTML, CSS, JavaScript and Vue.
* Experience using Git and Github.
* Experience in working with Python ORM Libraries including Django ORM, SQLAlchemy.
* Secure software development, data protection, cryptography, key management, identity, and access management (IAM), network security (VPNs) within SaaS, IaaS, PaaS, and other cloud environments.

***Stellar Technologies and Media***

***Front End Developer  
Aug 2020 – Oct 2020***

* Rewrote HTML to meet industry and company standards for SEO and accessibility.
* Utilized HTML, CSS and JavaScript to create responsive websites for both company and client.
* Built full e-commerce applications using CMS LIKE WordPress, Wix and Shopify.
* Collaborated with product designers on the team to take client projects from conception to implementation.
* Exposure to design and usability principles.

**Certifications and Courses:**

*LinkedIn Learning – AWS DevOps + (CompTia)*

*Udacity - Cloud DevOps*

*JetBrains - Python*

*Sololearn – HTML5/CSS3/JavaScript*

**Memberships:**

*Contributor – Google Student Developers Club*

*Member – Codebar(London, UK)*

*Contributor - Alx Africa*

*Member - Andela*

**Education:**

B.Sc Computer Engineering

University of Ilorin, Ilorin, Nigeria