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|  |  | **Omotoke D** | | | | |  | |  |  |
|  | Cloud DevOps Engineer | | | | |
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|  | **PROFESSIONAL SUMMARY** | | |  | | | | | | |
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|  | * Over 6+ years of collaboration with business stakeholders to achieve project objectives is boasted by a confident Cloud and DevOps Software Engineer in Azure and AWS. * Experienced Cloud and DevOps engineer in Automating, Configuring and deploying instances on AWS, AZURE Cloud environments and Data centres * Accomplished engineer proffering extensive cloud monitoring, deployment, and troubleshooting skills. * Defined, built, and maintained infrastructure using vendor-neutral and platform-specific tools. * Experienced in all phases of Software Development Life Cycle (SDLC), Quality Assurance Life Cycle (QALC), Linux Administration, Software Configuration Management (SCM), Continuous Integration (CI), Continuous Deployment (CD), Release Management, Cloud Implementations, and configurations. * Architected high availability environment with auto scaling & Elastic Load Balancer * Implemented multiple container deployments to Azure and AWS and maintained sets of containers with deployments. * Experience implementing Azure services such as Azure Active Directory (AD), Azure storage, Azure cloud services, IIS, Azure Resource Manager (ARM), Azure Blob Storage, Azure VM, SQL Database, Azure Functions, Azure Service Fabric, Azure Service Bus. * Migrated high availability web servers and databases to AWS EC2 and RDS with minimal or no downtime. * Detail-oriented Cloud Systems Engineer committed to improving cloud, systems design, and operations for reliable workflow management. Researches and implements budget-conscious security and encryption solutions to protect user privacy and increase overall network health. * Experienced in writing Azure Resource Manager (ARM) to deploy, update and delete multiple resources in Azure and migrating the on-premises resources to Azure with Azure Site recovery (ASR) and Azure backups. * Experienced in Azure IaaS - Virtual machines, VM Scale Sets, Load Balancer, Traffic Manager, Virtual Networks, SQL, Resource Groups and Cloud Services. * Involved in Azure Backup, Azure Policies, Azure Key Vault, Salt Stack and Tagging. * Experienced in Installing and configuring Continuous Integration and Continuous Delivery application JENKINS. * Created easy-to-follow guidelines and troubleshooting documentation for non-technical staff. * Experienced researching new technologies to determine alignment with strategic business needs. * Well-versed in technical architecture, solution development, and deployment support. * Experienced in AWS cloud computing platform that includes various resources like EC2, load-balancing with ELB, messaging with SQS, Custom monitoring analysis using CloudWatch, Autoscaling architectures and using EBS under high I/O requirements. * Mentored team using strong communication skills and expertise and encouraged each member to bring forward robust ideas and suggestions for improvement within organization. * Reviewed different proposals, made effective choices, and contributed to the entire development lifecycle. * Experienced in hands-on developing and supporting mission-critical applications. * Worked as cloud Engineer with extensive understanding of high availability architecture and concepts. * Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code. * Experienced with containerization and clustering technologies like Docker, and Kubernetes. * Experienced in Branching, Tagging, and maintaining the versions across different SCM tools like GitHub, Subversion (SVN) on Linux and Windows platforms. * Excellent communication and interpersonal skills, and leadership quality with ability to work efficiently in both independent and teamwork environments. * Provided updates to other internal teams and trained clients on how to operate computer applications through training and development initiatives. * Identified key changes to projects that could affect cost & completion deadline.   **SKILLS**  **Operating Systems:** Linux (Red Hat 5/6, Ubuntu, CentOS), Windows, and Unix.  **Cloud Platforms:** AWS, Azure, Google Cloud, and VMware.  **Programming Languages:** Python, Linux, Yaml, Json, bash, SQL  **Source Code Management:** Git, GitHub, Bitbucket and Subversion.  **Build Tools:** MAVEN, Gradle, and ANT.  **Containerization and Orchestration:** Docker, Kubernetes. OpenShift.  **Continuous Integration:** Jenkins, Bamboo.  **Databases:** MySQL, Postgres, Mongo DB, SQL Server  **Infrastructures Automation:** Terraform, CloudFormation. ARM Templates.  **Ticketing Tools:** JIRA, Service-Now, Zoho | | | | | | | | | |
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|  | **PROFESSIONAL EXPERIENCE** | | | |  | | | | | |
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|  | **PERATON – Chicago, IL**  *Cloud DevOps Engineer, July 2022 – Present* | | | | | | | | | |
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|  | * Worked on Centres for Medicare & Medicaid Services, CMS (.gov) -SSM/CMMI projects. * Experienced working in cloud-based DevOps practices, specifically in Terraform and Jenkins. * Experienced with build automation and continuous integration/delivery ecosystem capabilities, such as Terraform, Git, Docker etc. * Experience in using the monitoring tools like Azure monitoring, Dynatrace to setup the desired alerts to avoid disruption. * Implemented standards, procedures and processes that improve overall DevOps automation processes. * Succeeded in managing the deployment of over multiple Kubernetes clusters across Azure and AWS, with a 90%   uptime rate for 18 months.   * Built an infrastructure for production QA and dev environments for a web app that grew to 1M monthly users. * Implemented Continuous Delivery systems that led to improvement in ship time by 25%. * Managed a team of 5 to develop automation processes that enable teams to deploy, manage, configure, scale, * and monitor applications that boosted production by 35%. * Drove operational efficiency improvements which resulted in an increase in network efficiency of 10%. * Deployed AWS infrastructure and resources using automation and pull requests including Terraform. * Automated infrastructure in Azure, Amazon Web Services with Terraform and Ansible. * Experienced in infrastructure configuration and automation processes and tools: Terraform. * Utilized DevOps tools in a cloud environment (i.e., Terraform, Docker, etc.). * Experienced in Setting up the build and deployment automation for Terraform scripts using Jenkins. * Managed and deployed successfully automation using Packer-Docker and Terraform to automate the system operations. * Handled work from the initial stage of development to create branches, make developers follow standards, create build scripts, and labels, automate the build process, and deploy process using the Jenkins plugin. * Used JIRA as my ticket tracking, change management, and Agile/SCRUM tool. * Built, released, and managed configurations, continuous integration, and deployment methodology. * Experienced in installing, configuring, and maintaining cloud applications. * Responsible for setting up CICD pipelines using GitHub actions. * Demonstrated experience with cloud platforms such as AWS and designing and building web environments. * Reviewed my scope of Work (SOW) and implementing services. * Troubleshooted from time to time and created opportunities to improve all operations processes. * Evaluated, built, and modified automation for deploying and operating production services. * Created, assessed, updated, and maintained documentation pertaining to Product Lines | | | | | | | | | |
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|  | **NOVATECH SOLUTIONS – Chicago, IL**  *Cloud DevOps Engineer, February 2021 – July 2022* | | | | | | | | | |
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|  | * Created AWS cost and tagging compliance tools for my company using Terraform. * Managed user AD group membership using Okta push groups. * Supported an Agile CI/CD Environment as a DevOps Engineer where we make the Atlassian tools (Jira and Bitbucket) and also provide layer 3 supports on these tools if there are any issues * Supervised the creation of common Terraform modules for use across multiple AWS, Azure * environments. * Created AWS VPC, subnets, routing, and VPC Gateways both via Console using Terraform. * Configured and managed AWS network and security services, such as WAF, Shield, Security Groups, NACLs, and AWS Firewall Manager. * Integrated with Okta to enable Single Sign-on and Multi-Factor Authentication. * Deployed landing zone, set up AWS organizations, and enforce guard rails. * Backed up and reset strategy for my environment using automation scripts such as Terraform and cloud formation. * Responsible for designing, implementing, and maintaining all AWS infrastructure and services within a managed service environment. * Experienced with Azure Resource Manager (ARM) to deploy, update, and delete multiple Azure resources, as well as migrating on-premise resources to Azure * Defined Okta rules for segregation of duties and birthright provisioning of users into a downstream application. * Prepared the Aws environment for migration, deploying a landing zone, and configuring organizational units. * Designed IAM patterns for the access management team to follow as per application team requirements. * Experienced in administrating Okta and providing support to Okta clients. * Orchestrated cloud governance, authorization, authentication, and identity access management using AWS IAM services (IAM users, IAM groups, IAM roles, IAM policies) Amazon guard duty, Amazon inspector, Aws cloud single sign-on, Aws config, Aws shield, Aws cloud trail, Aws Shield and AWS organization. * Led the Authentication and Authorization architecture. * Worked extensively with a working knowledge of AWS: EC2, ELB, auto-scaling, IAM Roles, S3 Buckets, CloudWatch alerts, and SNS notifications. * Utilized disaster recovery to keep the environment running in case of any unexpected disaster. * Experienced in the deployment of Elastic Load balancer, configuring HTTPS certificates, and managing scalable and highly available systems on AWS. * Developed and maintained Continuous Integration (CI) using different tools in multiple environments, enabling teams to safely deploy code in Azure Kubernetes Services (AKS) using YAML scripts. * Designed, deployed, and maintained enterprise-class security, network, and systems management applications within an AWS environment. * Implemented process and quality improvements through task automation. Institute infrastructure as code, security automation, and automation or routine maintenance tasks. * Performed data migration from on-premises environments into AWS, Azure. * Supported the business development lifecycle (Business Development, Capture, Solution Architect, Pricing, and Proposal Development). * Worked strongly with a knowledge of AWS Lambda, Amazon Simple Queue Service (Amazon SQS), Amazon Simple * Notification Service (Amazon SNS), and Amazon Simple Workflow Service (Amazon SWF). * Built and maintained infrastructure using Cloud formation and terraform. | | | | | | | | | |
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|  | **Enviser– Chicago, IL**  *Cloud DevOps Engineer, January 2017 – January 2021* | | | | | | | | | |
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|  | * Experienced in developing infrastructure as code using Terraform combining third-party modules with client-specific code. * Deployed the infrastructure in the Amazon cloud, debugged all issues, and wrote the deployment documentation. * Installed and Implemented Okta Access Gateway to secure access to on-prem apps and protect the organization's hybrid cloud infrastructure. * Integrated Okta SSO for more than 170 applications with MA enabled at the Okta level and app level. * Have set up MFA for all applications in scope to Okta such as Okta push, Okta verify, SMS authentication, voice call authentication, and security questions. * Used Azure DevOPs for Continuous Integration and Continuous deployment in Lower Environments * Built networking infrastructure, EKS (Kubernetes) clusters, and relational databases in AWS as a code. * Supervised the development team in designing/migrating AWS cloud-based solutions. * Utilized Terraform code for a Kubernetes infrastructure build. Managed it using Kops for Kubernetes. Debugged issues and integrated Kubernetes with ECR and Amazon Route 53. * Created snapshots and Amazon machine images (AMIs) of the instances for backup and creating clone instances. * Experienced with Containerisation and orchestration of web services. * Developed infrastructure as a code using Terraform with a modular approach, deployed infrastructure in Amazon cloud, performed migrating on-premises resources into the cloud, and debugged all migration issues. * Experienced in building applications of various architecture styles like Micro-services architecture consisting of Docker. * Provisioned AWS and Azure services and resources using Terraform: EC2, EBS, S3, VPC, Auto Scaling, Cloud Formation, Elastic Load Balancing, RDS, Route 53, Memcached, Redis, OpsWorks, CloudWatch, CloudTrail, Identity and Access Management (IAM). * Devised and deployed a scalable, highly available, and fault tolerance system for Launching, monitoring, and terminating EC2 instances based on the client’s request. * Utilized Lambda services for automating tasks on AWS Cloud. * Worked with distributed teams to design and develop frameworks, solution accelerators, proofs of concept, and external customer-facing products. * Designed technically compliant and secure Cloud solutions and value-based, on-demand services to facilitate the effective transition and migration of projects and programs into unique and adaptive cloud environments to support the business development lifecycle. * Worked with onboarding internal clients. * Created solution designs for client opportunities in one or more AWS Competencies or general cloud-managed services. * Created a lift and shift process model clearly defining the individual steps of the lift and shift process. * Worked confidently and clearly presented concepts and Cloud Managed Services products to internal and external clients. * Experienced in utilizing the best security practices centred around the cloud. | | | | | | | | | |
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|  | **EDUCATION** | |  | | |  | **CERTIFICATIONS** |  | | |
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|  | **University of Southern Indiana**  **MBA**  **Lagos State University**  ***B.A*** | | | | |  | * **AWS Certified**: Solutions Architect, Professional * **Microsoft Certified:** Security, Compliance, and Identity Fundamentals | | | |
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