

Chidinma Ehirim

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EDUCATION

Southern Alberta Institute of Technology

Diploma (Computer Science)

June, 2023

Calgary, AB

- **Programming Coursework:** Data Center Management, Server and System Administration, Operating systems, virtualization, Networking and IT security
- **Capstone Project:** A DnD Game Table [HTML/CSS, JavaScript, php, Azure Cloud Services]

WORK EXPERIENCE

Dominion System

DevOps Engineer

Oct 2019 – Aug 2023

US, Remote

- Experienced in enhancing security configuration in Linux, Windows, Docker, and Kubernetes.
- Experienced in using Terraform, AWSCLI/UI, kops to provision and configure infrastructures in AWS.
- Built and deployed Docker containers to break up monolithic apps into microservices, improving developer workflow, increasing scalability, and optimizing speed.
- Implemented CI/CD pipelines using Git, Jenkins, and Maven for automated build, test, and deployment processes.
- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling
- Experienced with monitoring and alerting tools such as Prometheus and Grafana.
- Experienced in enhancing security configuration in Linux, Windows, Docker, and Kubernetes.
- Configured Kubernetes Clusters ensuring auto scaling and load balancing of nodes/pods
- Provisioned Complex Automated CI/CD pipelines using multiple interconnected tools Support in the migration from monolithic architecture to microservices.
- Configured, installed, resized and deployed Elastic Computers in AWS .
- Build Release Engineering and configuration management which includes environment setup, build automation, continuous integration, scripting and deployments.
- Configured infrastructures in AWS Cloud including; VPC, Route53, Private and Public subnets, Route tables, IGW, EC2 Instances, IAM, ELB, Autoscaling, CloudWatch, CloudTrail, EFS, NFS, EBS, S3, Databases, Lambda security groups, NACLs, among others.

Landmark Technologies

System Administrator

Oct 2018 – Sep 2019

Canada, Remote

- Automated Cloud (AWS) migration of Windows and Linux servers.
- Managed Linux servers and web applications using Nginx, Apache, and Tomcat, ensuring high availability and performance.
- Configure virtual machines in Linux and windows operating systems.
- Developed and maintained cloud-based infrastructure on AWS, optimizing resources and reducing costs.
- Facilitated communication and collaboration among development, operations, and security teams by adopting Agile methodologies and Scrum frameworks.
- Strong knowledge of Linux administration, internals, filesystems, volume management and specific distro's such as Ubuntu, RHEL, DNS, DHCP.
- Strong knowledge of Networks: understanding CIDR, hosts, DNS, firewalls, curl, nmap.

SKILLS

- **FrontEnd:** HTML/CSS, JS
- **DevOps:** AWS, Linux, Docker, Terraform, Git, Github, Maven, Apache Tomcat, Nginx, Kubernetes, ServiceNow, Jira, Agile/Scrum, Sonarqube, Terraform Cloud, PowerShell.