**Chigozie Umeh**

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**SUMMARY**  
Experienced software engineer adept in communication, project management, and leadership, with a track record of collaborating on full-stack web applications using React, Node.js, and MongoDB. Proficient in agile methodologies and skilled in crafting RESTful API designs. Demonstrates expertise in SEO, social media strategy, and optimization.

In addition to my comprehensive skill set, I have successfully conceived and implemented a dynamic reservation portal utilizing JavaScript. This initiative stands as a testament to my commitment to innovative solutions and excellence within the realm of software engineering.

**WORK EXPERIENCE**

**Geopell Cloud** Houston, Texas

Software Engineer - Jan 2022 - To Date

* Orchestrated the seamless implementation of end-to-end CI/CD pipeline processes for microservices, employing a sophisticated toolset including GitHub, Maven, Jenkins, CodePipeline, and Nexus. Automated the entire SDLC from code check-in to deployment, optimizing development workflows.
* Spearheaded an initiative to containerize all deployments to AWS Elastic Container Service, enhancing scalability and resource efficiency.
* Mentored and empowered two software engineers in their transition from developers to adept DevOps Engineers.
* Established and maintained rigorous control over users and roles permissions within AWS Identity & Access Management and version control tools like GitHub.
* Applied advanced security best practices in AWS, implementing multi-factor authentication, access key rotation, and fine-grained role-based permissions.
* Leveraged expertise in Ansible and Terraform for seamless automation, installation, setup, and troubleshooting.
* Proficiently managed container orchestration using AWS Elastic Kubernetes Service, Kubernetes, and Helm.
* Implemented robust quality gates in SonarQube for comprehensive static code analysis and build management.

**Schlumberger - E&P Wireline Services** Houston, Texas

FullStack Developer - Jan 2020 - Dec 2021

* Spearheaded the implementation of highly resilient CI/CD pipelines, optimizing development workflows and ensuring rapid, reliable releases.
* Led the migration of infrastructure code to cutting-edge technologies, ensuring compatibility and efficiency with .NET6.
* Oversaw AWS infrastructure provisioning using AWS SDK, AWS CloudFormation, and AWS Serverless Application Model.
* Implemented fault-tolerant AWS RDS instances across multiple isolated Availability Zones, eliminating single points of failure and fortifying system reliability.
* Strategically utilized auto-scaling groups to dynamically right-size EC2 pools, optimizing operational costs.
* Architectured and meticulously configured Dev, Staging, and QA environments in AWS, ensuring optimal performance and security.

**Wifano Global Resources**

Linux System Administrator - Jun 2016 - Jan 2020

* Collaborated with cross-functional teams to develop and implement robust security protocols, ensuring the integrity and confidentiality of sensitive information.
* Automated repetitive tasks through scripting, increasing operational efficiency and reducing manual errors.
* Assisted in the evaluation and adoption of emerging technologies, keeping the infrastructure up-to-date and aligned with industry best practices.
* Participated in the planning and execution of system upgrades, ensuring seamless transitions and minimal disruptions to ongoing operations.
* Conducted performance analysis and optimization of server configurations, enhancing overall system responsiveness.
* Facilitated knowledge sharing within the team through documentation of system configurations, procedures, and troubleshooting guides.
* Engaged in continuous learning to stay abreast of the latest advancements in server management and infrastructure technologies.

**EDUCATION**

University of Nigeria, Nsukka

B.S., Accounting

2010

**SKILLS**

JavaScript • Continuous Integration • Continuous Deployment • Automation • Infrastructure as Code (IaC) • Docker • Kubernetes • CI/CD Pipelines • Jenkins • AWS (Amazon Web Services) • Git/GitHub • Containerization • Monitoring and Logging • Agile • Scripting (e.g., Bash, Python) • Deployment Orchestration • Security Automation • Scalability • Kubernetes • Microservices • Monitoring • React js • Cloud Computing • Version Control System (VCS) • Express js • Mongo DB • Node js • High Availability (HA)