

Sequence Luvolwethu Gumbo

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"Success is not final, failure is not fatal: It is the courage to continue that counts."- Winston Churchill

PROFESSIONAL SUMMARY

Hands-on engineer with a strong understanding of AWS looking for cloud DevOps, Developer, Data Engineer, Solutions Architect, or Data Engineer internship roles. Open to remote, in-person positions, and willing to relocate. Proven track record of collaborating effectively in fast-paced environments and contributing to team success.

CERTIFICATIONS

Amazon Web Services: AWS Certified Developer - Associate (CLF)/Validation

Number=f2937affc5374b4191a5f71868d11d22

Amazon Web Services: AWS Certified Solutions Architect - Associate (CLF)/Validation

Number=b93edc656d854f33b0c9226cdfd032be

Amazon Web Services: AWS Certified Cloud Practitioner (CLF)/Validation Number=G0SNW28161VQ16C7

DeepLearning.AI: Neural Networks and Deep Learning Validation

Link=<https://coursera.org/verify/LG4URABNHEUH>

TECHNICAL SKILLS

Languages: C++, Script, YAML, JSON, Python, HTML, CSS, JavaScript, SQL, MATLAB

Frameworks: Qt, Pandas, Matplotlib, Numpy

Developer Tools: Visual Studio Code, Pycharm, Git, Github, Git Bash

DevOps/Deployment Tools: AWS, GitOps, CI/CD, Jenkins, Kubernetes, Docker, Linux, Vagrant, VMs, Ansible, Sonarqube, Terraform

HANDS-ON PROJECTS

Kubernetes on AWS (github.com/Sequence-94)| *EKS, ALB*

- Developed and deployed a static resume website using Kubernetes on AWS.
- Containerized the application and deployed it on Amazon EKS.
- Exposed the application using an Application Load Balancer (ALB) for improved load balancing and scalability.

Highly available website on AWS (github.com/Sequence-94)| *S3, CloudFront, and Route53*

- Built a static website using S3, CloudFront, and Route 53.
- Ensured efficient content delivery, high availability, and robust performance through AWS services

Microservice on AWS (github.com/Sequence-94)| *API Gateway, Lambda, DynamoDB*

- Developed a microservice on AWS using API Gateway, Lambda, and DynamoDB for CRUD operations.
- Designed and implemented RESTful APIs for seamless integration and scalability.
- Utilized AWS Lambda for serverless computing, ensuring high availability and cost efficiency.
- Leveraged DynamoDB for fast and flexible NoSQL database solutions.

Continuous Integration on AWS Cloud (github.com/Sequence-94)| *AWS Developer Tools, AWS SMPS, SonarCloud, SNS, S3*

- Set up AWS CodeCommit for version control.
- Created artifact repositories using AWS CodeArtifact.
- Used AWS Systems Manager Parameter Store for storing secrets.
- Integrated SonarCloud with AWS CodeBuild to enforce code quality checks and artifact generation
- Designed and implemented an AWS CodePipeline to automate the CI process.
- Configured Amazon SNS for sending notifications on pipeline execution and status changes.

Continuous Delivery on AWS Cloud (github.com/Sequence-94)| *AWS Developer Tools, Elastic Beanstalk, RDS, S3*

- Deployed applications using AWS Elastic Beanstalk and managed environment configurations.
- Configured Amazon RDS instances, including security groups and initial database setup.
- Integrated automated software testing into the build process to ensure code quality.
- Designed and implemented an end-to-end continuous delivery pipeline using AWS CodePipeline.

EDUCATION

University of South Africa

Jan. 2021 – Final Year(Presently)

Bachelor of Science Applied Mathematics and Computer Science

Relevant Coursework

- Theoretical Computer Science I,II and III
- Introduction to Programming I and II
- Computer Systems: Fundamental Concepts
- Programming: Data Structures
- Computer Organisation
- Programming: Contemporary Concepts
- Linear Algebra
- Calculus I,II and II

WORK EXPERIENCE

Amazon Customer Service Associate

Feb. 2018 – Feb.2020

Amazon Development Center

Western Cape, CT

- Amazon Certificate of Service(click to see)
- I played a critical role in delivering timely, accurate and professional customer service to Amazon customers.
- Collaborated closely with team members to address complex customer inquiries and resolve issues efficiently, fostering a supportive and productive work environment.
- Used cutting-edge tools to navigate customer accounts, research and review policies and provide effective solutions.