JUDAH T CHISARE

Software Developer| AWS Cloud Engineer| Data Engineer

📞 +263785430774| ✉ jaycea247@gmail.com | 🔗 linkedin.com/in/judah-t-chisare-a1b998174 | 🎮 portfolio

📍 5857 Westlea, Harare Zimbabwe

Summary

A highly dedicated and experienced software developer committed to translating business requirements into efficient and user-friendly applications. Proficient in full-stack development, cloud engineering, and data engineering. Committed to driving the adoption of cloud-native solutions, highly available architectures, and robust security practices.

Certifications

1. **AWS SysOps Administrator – Associate, October 2024**   view
2. **AWS Certified Developer – Associate, December 2023**   view
3. **AWS Certified Solutions Architect – Associate, June 2023**   view
4. **Microsoft Certified Azure Fundamentals, October 2021**   view

Experience

❖ **Full Stack Developer**   📅 January 2023 – Current

Claxon Actuaries, Zimbabwe
Claxon Business Solutions (CBS) Department

- Developed and maintained intelligent fintech applications, encompassing IFRS 9 and IFRS 17 models using Python.
- Collaboratively contributed to the development of a credit risk modelling application using Python an FastApi.
- Created Angular reusable components, optimizing front-end development workflows and enhancing efficiency, resulting in a 20% reduction in time-to-delivery.
- Implemented robust handling of ACID transactions within the IFRS applications, ensuring data integrity and reliability.
- Developed RESTful APIs with Python and Fast API, seamlessly integrated with PostgreSQL databases, resulting in a notable 30% increase in data processing speed and a 25% reduction in response time.
- Managed user authentication utilizing Amazon Cognito and implemented JWT-based authentication to secure backend REST APIs effectively.
- Wrote reusable unit test documents to ensure quality control and detect bugs increasing code efficiency with over 35%.

❖ **AWS Cloud Developer**   📅 January 2022 – January 2023

Claxon Actuaries, Zimbabwe
Claxon Business Solutions (CBS) Department

- Designed and developed serverless architectures using AWS services (Lambda, API Gateway and DynamoDB) resulting in 70% reduction in infrastructure costs.
- Developed Infrastructure as Code templates using CloudFormation and Terraform, resulting in a 60% reduction in the time required to set up new environments on the cloud, and an improvement in configuration consistency.
- Created and maintained automated CI/CD pipelines with AWS Code Pipeline, CodeBuild, CloudWatch Events, and Code Deploy, resulting in streamlined deployment processes, and improved overall software delivery efficiency.

- Deployed backend applications to AWS (EC2, Elastic Beanstalk, AWS Lambda, AWS ECS) and Frontend applications to AWS (S3, CloudFront, Route 53, ACM).
- Designed and implemented VPCs, Security groups, IAM Roles and firewalls within and across multiple AWS accounts, ensuring the overall security of the AWS Cloud resources.
- Orchestrated secure communication between microservices, leveraging AWS SQS, SNS, and Amazon MQ, ensuring smooth and reliable data exchange.

❖ **Data Engineering Intern** 📅 February 2021 – January 2022
EcoCash Holdings, Zimbabwe
Cassava Advanced Data Analytics (CADA) Department

- Created SQL views resulting in enhanced query performance, streamlined access, and improved database efficiency.
- Integrated and validated data with SQL and Azure Synapse resulting in comprehensive data warehousing.
- Built interactive and real-time analytics dashboards with PowerBI and Qlik Sense to generate actionable insights.
- Built ETL pipelines, dimensional models, and slow-changing dimensions in Azure Data Factory resulting in 360-degree view of data in various businesses.

Education

National University of Science and Technology, Zimbabwe

BSc (Honours) Degree Computer Science 📅 August 2018 – July 2022

Degree Class: 1 (cum laude)

Skills

- Backend development: (Python [Django and Fast Api], Java [Spring Boot], Typescript and Node.js)
- Frontend Development: (Angular, React, Tailwind, React Native, Bootstrap, HTML5, CSS3, JavaScript)
- Cloud Monitoring and Debugging (Cloud Watch, Cloud Trail, and X-Ray)
- CI/CD (AWS Code Pipeline, Code Build, GitHub, Code commit)
- Serverless Development (AWS Lambda, API Gateway, Step functions, DynamoDB)
- Infrastructure as Code (Terraform, AWS CloudFormation, AWS SAM)
- Container Orchestration (Docker, AWS Elastic Container Registry, Elastic Container Service)
- Unit testing, integration testing, and automated testing
- Object-oriented programming (OOP), multithreading, and exception handling
- Database design and management: (PostgreSQL, MySQL, Oracle, DynamoDB)
- Data warehousing and ETL (AWS Glue, Data Pipeline, Amazon Redshift, Azure Data Factory, Azure Synapse Analysis, Hadoop)
- Agile development environments (Scrum, TDD and Kanban)
- Version Control (GitHub, Code Commit, Gitlab)

Strengths

- Problem solving.
- Proficient in English.
- Excellent communication skills.
- Good team player.
- Highly adaptable.