

STELLA MUTAI

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### Personal Profile

As a Certified Cloud Practitioner with a strong foundation in cloud technologies and a passion for innovation, I bring a comprehensive understanding of cloud principles, services, and best practices. I am skilled in leveraging cloud platforms, particularly Amazon Web Services (AWS), to support organizational goals by optimizing infrastructure, reducing costs, and enhancing scalability and performance.

With hands-on experience in cloud adoption and management, I excel in developing strategies that align with business objectives, ensuring seamless integration of cloud solutions into existing IT environments. I am proficient in identifying the right cloud services to meet business requirements, whether for startups looking to build a flexible and scalable infrastructure or for established enterprises aiming to modernize their IT landscape.

I have a keen interest in emerging cloud trends, including serverless computing, containerization, and hybrid cloud solutions. My ability to communicate complex technical concepts to non-technical stakeholders enables me to bridge the gap between technology and business, fostering a culture of innovation and continuous improvement.

### Key Skills:

- **Cloud Platform Expertise:** Strong knowledge of AWS services such as EC2, S3, RDS, Lambda, IAM, and VPC.
- **Cloud Cost Management:** Skilled in optimizing cloud spend and implementing cost management best practices.
- **Security and Compliance:** Understanding of cloud security principles, including IAM, encryption, and data protection.
- **Architecting Cloud Solutions:** Ability to design and recommend cloud architectures that meet specific business requirements.
- **Technical Communication:** Proficient in explaining cloud concepts and strategies to technical and non-technical audiences.
- **Continuous Learning:** Committed to staying updated on cloud technologies and industry trends through ongoing education and certification.

### Work Experience

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#### AWS CLOUD PRACTITIONER TRAINEE - AWS RESTART PROGRAM

MAY 2024 – AUGUST 2024

- **Amazon S3 (Simple Storage Service):** Gained proficiency in setting up and managing S3 buckets, configuring bucket policies, and using S3 for scalable and secure object storage solutions.
- **Amazon RDS (Relational Database Service):** Learned to deploy, manage, and scale relational databases in the cloud. Worked on labs involving database backups, snapshots, and security configurations.
- **Amazon EC2 (Elastic Compute Cloud):** Acquired hands-on experience in launching, configuring, and managing EC2 instances. Practised creating security groups, key pairs, and setting up load balancers for high availability.
- **Projects and Labs:** Designed and Implemented a fully elastic Apache Web Server solution using a VPC, public and private subnets, elastic load balancer, ec2 auto-scaling, Nat- gateway and internet gateway. Configuring the security group to control access to the resources and the Network access control list (NaCl) to control traffic in and out of the VPC and subnets.

### Education Qualification

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AWS Restart Program

### Technical Skills

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#### PROGRAMMING LANGUAGES.

- Python.
- Bash
- SQL; Relational databases using Oracle.

#### AWS CLOUD COMPUTING

- Scripting using Linux 🐧 Amazon EC2.

#### DATABASES

- MySQL
- Amazon Aurora.
- Amazon Dynamo Db

### Soft Skills

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- ❖ Communication: Clear and concise in explaining technical concepts to both technical and non-technical audiences. Strong in written communication for documentation and reporting.
- ❖ Problem-Solving: Skilled in analyzing complex issues, identifying root causes, and implementing effective solutions.
- ❖ Collaboration: Team player with experience working effectively across diverse teams, both in-person and remotely.
- ❖ Customer Focus: Dedicated to understanding client needs and providing excellent service, even in high-pressure situations.
- ❖ Adaptability: Flexible in adjusting to new technologies, tools, and shifting priorities in fast-paced environments.
- ❖ Attention to Detail: Thorough in ensuring accuracy in configurations, documentation, and troubleshooting.
- ❖ Time Management: Efficient at managing multiple tasks and meeting deadlines while maintaining quality.
- ❖ Continuous Learning: Eager to stay current with cloud technologies and best practices through ongoing education and training.
- ❖ Leadership: Capable of taking initiative, leading projects, and mentoring team members to achieve goal

### Professional Qualifications

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☐ **AWS CERTIFIED CLOUD PRACTITIONER**

AMAZON WEB SERVICES

### References

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*Referee contact information will be provided upon request.*