

Judy Njuguna

Tel: +254 746222949 Email: judie.nj47@gmail.com

<https://github.com/Judy-Gathonie>

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## Personal Profile

AWS cloud practitioner with -1 year experience configuring EC2 instances, VPC, implementing IAM policies , managing user accounts, monitoring uptime and performance .

## Work Experience

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### AWS CLOUD PRACTITIONER TRAINEE - AWS RESTART PROGRAM

MAY 2024 –AUGUST 2024

- **Amazon VPC (virtual private cloud):** configured and managed VPCs , subnets, internet gateways , NATs, and route tables on AWS
- **Network Security:** Ensured system and network security, monitoring and performance using CloudWatch
- **Infrastructure Automation:** Implemented automated cloud infrastructure deployment , resulting in reduction of deployment time and increased resource provisioning efficiency
- **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):** Gained expertise in deploying, managing, and scaling cloud-based relational databases. Completed hands-on labs focused on database backups, snapshots, and implementing security configurations.
- **Amazon EC2 (Elastic Compute Cloud):** Worked on configuring EC2 instances . Practised deploying, configuring, and managing EC2 instances, including creating security groups, key pairs, and setting up load balancers to ensure high availability.

### DEVSECOPS SECURITY TRAINEE – Cyber Girls Fellowship

MARCH 2023 – AUGUST 2023

- **Containerization Security:** Developed skills in securing containerized environments using tools like Docker and Kubernetes.
- **Programming:** Practised secure coding techniques with programming languages such as PHP and Python.
- **Database Monitoring:**Applied security monitoring measures to protect databases and enhance overall system security.
- **Teamwork:** Collaborated with development teams to integrate security practices into development processes
- **Compliance:** Automated security testing and compliance checks

## Education Qualification

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EXPECTED GRADUATED: DEC 2025 BACHELOR OF TECHNOLOGY COMPUTER COMMUNICATION NETWORK.

TECHNICAL UNIVERSITY OF KENYA

## Technical Skills

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### PROGRAMMING LANGUAGES.

- Python.
- Bash
- PHP

### DATABASES

- MySQL
- Amazon Aurora.
- Amazon Dynamo Db

### AWS CLOUD COMPUTING

- Scripting using Linux  Amazon EC2.
- cloud computing best practices
- proficiency in cloud formation
- Cost-saving strategies for cloud services
- Ability to identify and resolve performance bottlenecks

## Soft Skills

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- ❖ Skill in executing projects with precision and attention to detail to improve overall work quality.
- ❖ Proficient in simplifying complex technical information for non-technical audiences.
- ❖ Excellent written and verbal communication skills for effective reporting and documentation.
- ❖ Skilled in collaborating with cross-functional teams and adapting to a fast-paced, dynamic environment.
- ❖ Capacity for critical thinking and problem analysis to develop effective solutions
- ❖ Capable of working under tight deadlines to deliver precise and timely results.

## Professional Qualifications

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### ☐ AWS CERTIFIED CLOUD PRACTITIONER

AMAZON WEB SERVICES

### ☐ CERTIFICATE OF COMPLETION DEVSECOPS

PRACTICAL DEVSECOPS

## References

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*Referee contact information will be provided upon request.*