

# Judy Njuguna

## SOFTWARE ENGINEER INTERN

NAIROBI, KENYA | +254746222949 | gathoniejudie@gmail.com

### Skills & abilities

- **Software Development:** Python, Bash scripting, security automation
- **Cloud Computing:** AWS (EC2, S3, Lambda, IAM, VPC), Cloud architecture, Infrastructure as Code (Terraform)
- **Operating Systems:** Linux, AWS CLI
- **Networking principles:** Networking protocols, subnetting, routing, OSI & TCP/IP,
- **Databases:** Mysql, amazon aurora
- **Programming:** Laravel php, Rest APIs
- **Problem-Solving:** Strong analytical skills with a focus on optimizing cloud infrastructure and security testing processes
- **Collaboration:** Proven ability to work in remote, cross-functional teams in agile environments
- **Certifications:** AWS Certified Cloud Practitioner, DevSecOps principles
- **Communication:** Clear and effective in technical and collaborative discussions

### Experience

#### **Cybersafe Foundation**

- *Junior Cyber Security Analyst (Remote)*
- *2023 – 2023 November | Lagos, Nigeria*
- Mastered core DevSecOps principles, including Continuous Integration (CI), Continuous Delivery (CD), Infrastructure as Code (IaC), security automation, and compliance frameworks.
- Proficient in key cloud and DevOps technologies such as Docker, Kubernetes, Ansible, Terraform, Jenkins, AWS, Python, and Bash scripting.
- Developed over 15 Python and Bash automation scripts that reduced deployment times by 30% and cut manual intervention by 25%, optimizing deployment and security testing processes.
- Collaborated with cross-functional teams to identify vulnerabilities, enhance system security, and implement solutions that improved security compliance.

#### **AWS Re/Start**

- *Cloud Practitioner*
- *2024 | Remote*
- Mastered essential AWS services (EC2, S3, RDS, VPC, IAM, Lambda) and achieved AWS Certified Cloud Practitioner certification.
- Hands-on experience contributing to [number] cloud-based projects, leveraging AWS services to streamline processes and resolve cloud infrastructure issues, resulting in improved system uptime and performance.
- Applied advanced troubleshooting and optimization techniques to address cloud performance bottlenecks, enhancing scalability and reliability.
- Demonstrated proficiency in cloud security best practices, Linux environments, and Python scripting to improve infrastructure efficiency.
- Collaborated effectively in fast-paced, agile environments, showcasing adaptability and a strong commitment to continuous learning.

### Education

Certified AWS cloud practitioner

Btech Technical University of Kenya

Mary Leaky Girls High School

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