

Aisha Yusuf

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Site Reliability Engineer

Site Reliability Engineer with 3 years of experience focused on building resilient cloud infrastructure and proactive observability pipelines. Proven track record in reducing manual toil by implementing Infrastructure as Code (Terraform) and improving deployment success rates by 25% through rigorous CI/CD testing. Expert in monitoring the "Golden Signals" using Prometheus and Grafana to maintain high system availability. Seeking to leverage a unique background in bioinformatics and cloud engineering to drive reliability and DevOps culture in a fast-paced environment.

WORK EXPERIENCE

Paymish Tech Ltd 08/2024 - 12/2025 .

Site Reliability Engineer Intern Abuja, Federal Capital Territory, Nigeria

- Designed and maintained scalable, secure AWS infrastructure using Terraform, enabling consistent infrastructure deployment across multiple environments.
- Collaborated with development teams to implement chaos engineering and integration tests,, improving service reliability and achieve a 25% increase in deployment success rates within 6 months.
- Deployed Grafana- Prometheus dashboards to monitor performance and proactively resolve bottlenecks.

National Biotechnology Development Agency 08/2024 - 08/2025 .

Bioinformatics Intern Abuja, Federal Capital Territory, Nigeria

- Used databases and bioinformatics resources,such as NCBI, UniProt and BLAST to find,compare,interpret and visualize biological sequences and pathways.
- Maintained accurate documentation of methods,results, and code for reproducibility.
- Collaborated with researchers, data scientists, and lab teams to interpret computational results and integrate them with experimental findings.

Amitech Computer Training Institute 07/2022 - 11/2022

Web Developer Intern • Part-time Minna, Niger state

- Collaborated with senior developers to implement front-end features using HTML, CSS and Javascript.
- Learned and applied best practices in coding, testing and deployment to deliver reliable and maintainable web solutions.
- Gained hands-on experience in version control with Git and contributed to team-based development workflows.

EDUCATION

Diploma in Cloud engineering

AltSchool Africa 03/2023 - 04/2024

Bachelor of Science - BSC in Biotechnology

Federal University Dutse, Jigawa state 01/2018 - 02/2024

SKILLS

Cloud & DevOps: AWS, Azure, Terraform, Ansible, Jenkins, GitHub Actions, Docker, Kubernetes

Monitoring & Logging: Grafana, Prometheus, ELK Stack, Cloud Watch, Azure Monitor

Programming & Scripting: Python, Bash Script

Others: Networking, Project Management (Zoho Sprint, Trello)

Soft Skills: Adaptability, Attention to detail, Collaboration, Communication

PROJECTS

-Weather dashboard: Built a Python application fetching real-time API data, utilizing Amazon S3 for storage and Grafana for visualization

Github Link: <https://github.com/CyGold/weather-dashboard-demo>

-NBA Game Day Alert System: Developed a real-time notification system using Python, AWS Lambda, Amazon SNS, and EventBridge; managed the full lifecycle from code to cloud deployment

Github Link: <https://github.com/CyGold/game-day-notif>