

AZEEMAT RAJI

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SUMMARY

A passionate Cloud Engineer with hands-on experience in software development, cloud computing, and infrastructure management. Proficient in Terraform, Kubernetes, and Google Cloud, optimizing cloud performance and security. Strong problem-solver with a team-oriented approach, eager to help with cloud solutions and continuous improvement.

SKILLS

- Cloud Computing - Google Cloud, AWS, Azure
 - Infrastructure Management and Automation - Terraform, Ansible
 - Containerization - Kubernetes, Docker
 - Monitoring and Observability - Prometheus, Grafana
 - Networking and Security - VPC, Firewall, IAM, SSL/TLS
 - CI/CD Pipelines - Github actions, Jenkins
 - Software Development: Javascript, python, Bash
 - Problem-Solving and Analytical Skills
 - Communication and Teamwork
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PROJECTS

Cloud Infrastructure Automation

- Developed and deployed a fully automated infrastructure setup on AWS using Terraform, including VPC, subnets, and IAM roles.
- Implemented a CI/CD pipeline with Github actions, integrated with Kubernetes for seamless application deployments.
- Enhanced infrastructure security by configuring network policies, setting up IAM roles and permissions, and implementing Let's Encrypt for SSL/TLS certificates.
- Improved Kubernetes cluster monitoring with Prometheus, Grafana, and Alertmanager, including custom alerts for critical issues.
- Developed custom Prometheus exporters and dashboards, providing detailed insights into cluster performance.

Automated LAMP Stack Deployment and Uptime Monitoring with Ansible

- Automated the deployment of a LAMP stack and website using Ansible, configuring Apache, MySQL, and PHP on a Linux server.
- Implemented Ansible playbooks to ensure consistent and repeatable deployments, reducing setup time by 50%.
- Created a cron job with Ansible to check the server's uptime daily at midnight, ensuring proactive monitoring and stability.
- Optimized server configuration for improved performance and security, adhering to best practices for a production environment.

System Management Automation with Bash Script

- Automated user and group management by creating, deleting, and updating users and groups, ensuring consistent access control and security across the server.
- Implemented disk usage checks to monitor available storage space, generating alerts when usage thresholds were exceeded, preventing potential system failures.
- Created automated backups of critical files and directories, scheduling regular backups and storing them securely, ensuring data integrity and quick recovery in case of failure.
- Optimized script performance to run efficiently as part of a daily cron job, minimizing resource consumption while maintaining system stability.

Static Website Development

- Built a responsive website with clean HTML for structure and accessibility.
 - Styled with custom CSS using Flexbox and Grid for a modern, appealing design.
 - Added interactivity with JavaScript, including dynamic content, form validation, and animations.
 - Optimized performance by minifying files, compressing images, and ensuring quick load times.
 - Ensured cross-browser compatibility for consistent functionality and appearance.
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EDUCATION

AltSchool Africa

Aug 2023 - Aug 2024

Diploma in Software Engineering (Cloud Engineering)

University of Ilorin

Oct 2014 - Oct 2018

Bachelor of Science in Biochemistry