ISMAIL KASALI

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⚲ Porfolio   ⌂ Lagos,Nigeria

Summary

A highly passionate and result-driven Engineer with 3+ years of comprehensive experience in automating critical deployments over big infrastructures, proficient in Container Technologies, AWS Cloud Integration, Linux Administration, CI/CD integration, Infrastructure as Code Leverage and Observeability.

Professional Skills

- CI/CD: Github Actions,Jenkins,AWS codepepeline, Argocd.
- IAC and Configuration Management: Terraform,Ansible.
- Container Technologies: Docker,Kubernetes,Helm,Kustomize,Nginx Ingress Container.
- Scripting Languages: Bash,Python.
- Cloud Platforms: AWS,Azure.
- Security: SAST(Sonarqube),DAST(Owasp Zap),Container(Trivy),AWS WAF, Shield, Guard-duty, Security Hub, CloudTrail, Macie, Inspector, Config, AWS Org.
- Monitoring & Observability: Prometheus, Datadog,EFK/ELK,Jaeger,Open-Telemetry, AWS Cloudwatch.
- Version control and Source code Mangement: Git.
- Database: MySQL,PostgreSQL,MongoDB.
- Networking & Traffic Management: TCP/IP & OSI models,HTTP/HTTPS, REST & gRPC APIs, DNS & TLS,Reverse Proxy (NGINX), Load Balancing (L4/L7, ALB, NLB), Kubernetes Ingress,Services & Service Mesh.
- Caching & Performance: Distributed Caching(Redis),HTTP/Reverse Proxy Caching(Nginx), CDN Caching(Cloudfront).

Work Experience

Senior DevOps Engineer
AZANY INC   (2024-present)

- Designed,Implemented,Deployed and Maintained efficient Multi-Kubernetes Cluster Environments utilizing AWS Cloud Resources(VPC,EKS,S3,RDS,ALB,NLB) to support multiple data-intensive application services with the leverage of Terraform thereby ensuring a consistent, version controlled and rapid deployable infrastructure which resulted in a 40% increase in operations productivity.
- Spearheaded a team of 5 in the configuration and management of Docker Containers and Production Kubernetes Environments, Optimized the Cluster for Reliabili

ty, Performance, Availability and Scalability while streamlining Applications cycle managements leading to 99.99% SLO.

- Successfully developed and refined CI/CD pipelines, integrating automated testing, embedded security checks to detect and mitigate vulnerabilities early on in the development cycle and monitoring processes to streamline applications deliveries.
- Assisted and collaborated with the development team to ensure smooth updates in to the staging and production environments which overall reduced working hours.
- Automated repetitive operational tasks to improve infrastructure reliability using Bash and python.
- Configured and maintained tools for infrastructure and applications telemetry data(metrics,logs and traces) to pro-actively resolve issues and to ensure 99.99% SLA.
- Implemented a robust security practices, including data encryption,access controls and vulnerabilities assessments.
- Proactively Identified and implemented cost-saving opportunities across our entire infrastructure.

Junior DevOps Engineer

Deta Software   (2022-2024)

- Implemented Automatic AWS infrastructure creation with Terraform to reduce manual efforts and to improve version controlling.
- Maintained and improved existing CI/CD pipelines with automated testing and supported deployment automation across multiple environments.
- Assisted in setting up monitoring,alerting and maintaining log aggregation systems to proactively resolve issues.
- Supported incident response and troubleshooting and particpated in on-call rotation with guidance from Senior Engineers.
- Assisted in Database backup and recovery procedures to avoid loss of Data during Outages.
- Implemented security best practices in CI/CD pipelines such as vulnerability scanning and code quality checks.

Education

University of Ilorin,Ilorin Nigeria.

Bachelor Of Engineering, Electrical and Electronics Engineering.   (2018)