Mohamed Eid Mohamed Abdullah

✉ moeid404@gmail.com   📞 +201014412147   📍 Cairo   in moeid404   ○ moeid404

SUMMARY

Cloud Engineer with practical experience in managing cloud infrastructure and Linux-based systems in production environments. Skilled in Implementing and maintaining scalable, secure architectures on Cloud, handling system administration tasks , and implementing automated backup and monitoring solutions.Apply DevOps principles such as automation, scripting, version control, and system reliability across daily operations. Passionate about infrastructure as code and continuous improvement, and actively pursuing a transition into a dedicated DevOps Engineer role.

PROFESSIONAL EXPERIENCE

Cloud Engineer/ DevOps   01/2024 – present
Mazloum For Integrated Systems (MIS) 🔗   Ciaro, Egypt

- Deployed the full cloud infrastructure on Huawei Cloud using VPC, ELB, ASG, RDS, Redis, SFS, and OBS,implementing the architecture end-to-end.
- Built and validated both test and production environments.
- Handled migration, deployment, and version upgrades for the managed application.
- Registered domain names and integrated them with Cloudflare, configuring DNS records and connecting them to the cloud Load Balancer for secure and efficient traffic routing.
- Applied unified security hardening across all servers, including:
  - Network-level: NACLs and Security Groups.
  - OS-level: iptables firewall rules and RKHunter for rootkit detection.
- Configured and managed the mailing system using Postfix and SendGrid, including full DNS setup (SPF, DKIM, DMARC) via Cloudflare to ensure reliable email deliverability.
- Developed an automated, GPG-encrypted backup system with daily local and remote OBS storage, structured logging, naming conventions, disk space alerts, local cleanup rotation, and lifecycle policies for cloud storage.
- Enabled server monitoring using Cloud Eye metrics, threshold alerts, and custom access logging scripts for detailed insights.
- Authored clear and comprehensive documentation for all projects, including the backup system, ASG image updates, disaster recovery procedures, and operational workflows.
- Created and maintained reusable Ansible playbooks for provisioning, system hardening, service deployment, and backup automation, ensuring consistent and reproducible configurations.
- Designed and implemented Terraform modules to automate infrastructure provisioning with scalable, modular, and reusable components.

PROJECTS

Alohadot
- alohadot.com 🔗 (Dotchat Application)
- resturant-web-panel.alohadot.com 🔗
- manage.alohadot.com 🔗
- mega-merchants.alohadot.com 🔗

Mazloum
- mazloumhome.com 🔗
- mazloumagri.com 🔗
- mazloumlight.com 🔗

k8s-based microservices architecture for a weather app. 🔗

Full LEMP Stack WordPress Deployment with Containers and SSL 🔗

CI/CD Pipeline with Monitoring - GithubActions, Kubernetes 🔗

CI/CD Pipeline with Monitoring - Jenkins 🔗

AWS Infrastructure with Terraform 🔗

TECHNICAL SKILLS

- **linux Administration**: Linux Debian (Ubuntu)
- **CI/CD**: GitHub Actions, Jenkins, git lab, AWS CodePipeline
- **Configuration Management**: Ansible
- **Containerization**: Docker, Kubernetes
- **Web Servers**: Nginx, Apache
- **Cloud Platforms**: AWS, Huawei, DigitalOcean
- **Logs & Monitoring**: Prometheus, Grafana
- **Infrastructure As Code**: Terraform
- **Version Control System**: Git, GitHub, Gitlab
- **GitOps & Kubernetes Tooling:** ArgoCD, Kustomize, Helm

CERTIFICATES & COURSES

- AWS Certified Cloud Practitioner (CLF-C02) 🔗
- Huawei Certified Cloud Developer Associate (HCCDA) 🔗
- Ansible Advanced Course - Mumshad Mannambeth (kodekloud) 🔗
- Courses Linux Administration - RHCSA - (Kodekloud) 🔗
- Kubernetes from beginner to master 🔗