ABDURRAHMAN MASOOD

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SUMMARY

Cloud & SRE Engineer with 4+ years of experience in optimising software deployment processes, continuous integration and continuous deployment, infrastructure automation, site reliability engineering & security. Adept at reducing cloud spend, enhancing operational efficiency using Terraform, Kubernetes, Helm, and modern cloud practices using AWS & Azure

SKILLS

EKS | S3 | AWS Lambda | AWS CodePipeline | | Helm | Docker | Linux | AWS | EC2 | Ubuntu | CloudFormation | Terraform | Communication | Problem-solving | AWS DynamoDB | SNS | RDS | Python | Go | ECS | Bash | SQL | NoSQL

WORK EXPERIENCE

DevOps Engineer at Logicon   [Aug 2025 - Present]

- Provisioned AWS Infra using **Terraform** & **CloudFormation** for deployments across multiple environments.
- Configured DNS with **Route53** & set up Load Balancers to route traffic to different targets
- Deployed Node.js backend workloads and cron jobs on **AWS ECS** with auto scaling and high availability.
- Implemented monitoring observability with **Prometheus**, **Grafana** for ECS tasks & EC2 instances.
- Performed tracing using AWS X-Ray, Sentry provided rapid response on Slack notifications.
- Implemented SLA, SLOs in collaboration with stakeholders to meet compliance measurable objectives.
- Performed load testing with **Grafana k6**, for performance tuning & bottlenecks improving system reliability.
- Maintained codebases and **CI/CD** pipelines integrating **DevSecOps** practices with **SonarQube** scans and quality gates.

Freelance Cloud Engineer   [Mar 2023 - Present]

- Designed scalable cloud infrastructure, distributed system and microservices architecture.
- Provided consultancy on cloud cost optimization, achieving a 30% reduction in cloud bill.
- Automated infrastructure provisioning using **Terraform** & Cloud SDK and other automation tools.
- Built and managed **GitLab/Jenkins** CI/CD pipelines to streamline the release process.
- Built **VPCs/VPN** networking with subnets, **route tables**, **security groups** to secure network traffic.
- Administered relational databases like PostgreSQL and MySQL across production and staging environments.
- Automated **EC2** deployments and patching using **Ansible**, improving consistency and reducing downtime.
- Conducted root cause analysis wrote runbooks, **rollback procedures**, and **disaster recovery (DR)** plans for recovery and minimal downtime.

Cloud Engineer at MicroAgility Services   [Oct 2023 - Feb 2024]

- Implemented IAM roles, policies, for least-privilege access to secure AWS resources.
- Developed Dockerfiles for containerization of **Node.js**, **React** applications.
- Collaborate with cross-functional teams to design cloud infrastructure & security integration.
- Develop and maintain techinal documentation of infrastructure on Confluence for team knowledge sharing.
- Configured deployments, services, ingress with RBAC policies to secure and streamline Kubernetes workloads
- Built GitOps workflows for **Kubernetes** deployments using **Helm** & **ArgoCD** for version-controlled releases.

Cloud Engineer at Xgrid.co   [Apr 2022 - Sep 2023]

- Implemented agile scrum methodologies and automated code quality through GitHub Actions checks.
- Build a serverless backend on **AWS Lambda** integrating **AWS API Gateway** for routing request.
- Streamlined **CI/CD** workflows using **AWS CodePipeline** reducing deployment time by 50%.

- Supported migration of containerized microservices to **EKS**, following **GitOps** practices.
- Implemented **Version Control System** on **Git** to manage infrastructure code to support teamwork.
- Develop **Dockerfiles** for containerized applications and monitored workloads with **Rancher** and **Cloud logs**.

AWS Cloud DevOps Trainee at SkipQ   **[Jan 2022 - Apr 2022]**

Software Engineer at Techloyce   **[Dec 2020 - Dec 2021]**

IoT Engineer Intern at Ismile Technologies   **[Sep 2020 - Dec 2020]**

CERTIFICATIONS

AWS Cloud Practitioner   - GCP Associate Cloud Engineer

EDUCATION

COMSATS University Islamabad   Bachelor in Computer Engineering [Sep 2016 - Oct-2020]