

Amir Hossain Mahin

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Experienced in using multiple DevOps tools for aws / azure cloud, Kubernetes, build automation and infrastructure management.

Skills

- Terraform, Ansible (configuration and Infrastructure as Code)
- Docker, Kubernetes (helm, Argo CD)
- AWS & Azure Cloud
- Continuous Integration and Deployment using Jenkins, Gitlab CI/CD
- Monitoring & Logging (Prometheus, Grafana, Elasticsearch, Logstash, Kibana, Fluentd)
- Python, MySQL Database, Bash Scripting, Git (github, gitlab), Agile (Scrum)

Professional Work Experience

DevSecOps at Robi Axiata Ltd, [Jul 2022 – Present]

- Provision and manage infrastructure (linux virtual machines, load balancers, and network security groups) on Azure / AWS using Terraform.
- Create Kubernetes clusters on the cloud with managed services (EKS, AKS) using Terraform.
- Build CI/CD pipelines using Jenkins / Gitlab CI to automate testing, build and deployment of applications and infrastructure.
- Deploy applications to Kubernetes automatedly using Argo CD.
- Create and install applications in Kubernetes using helm charts.
- Configure monitoring, alerting and logging of apps using Prometheus / ELK stack.
- Containerize microservices applications using Docker.
- Configure servers (create users, install packages & apps) using Ansible playbooks.
- Use GitOps methodology throughout SDLC (Argo CD, Terraform, Playbooks, Jenkinsfile).

Application Planning & Management at Robi Axiata Ltd, [Feb 2020 – Jun 2022]

- Perform system admin tasks on Red Hat Enterprise Linux servers (manage app, OS & database users, check logs & disk usage, test REST APIs, write bash scripts that automate repetitive tasks, and execute change management & upgrades on servers).
- Provide technical support to customer and business teams by analyzing data from system logs and application (telecommunication PCRF application).

Education

- B.Sc. in Electrical Engineering (2019), Virginia Tech University, USA