

Amir Mahin

www.linkedin.com/in/amir-mahin/ | <https://github.com/amir-box>

Email: amirhossainaea@gmail.com | Mobile: [+8801833182838](tel:+8801833182838)

Skills

- AWS, Terraform, Ansible
- Kubernetes (Helm, Argo CD, Service Mesh)
- Gitlab-CI, Jenkins
- Prometheus, Elasticsearch, Kibana
- Python, Bash Scripting
- DevSecOps (Gitleaks, SAST, DefectDojo, Trivy, OWASP Zap)

Experience

DevOps Engineer | Robi Axiata Limited | Jul 2022 – Present

- Provision AWS EKS clusters with auto-scaling node group by using Terraform EKS & VPC modules
- Write k8s helm charts with separate values files for each microservice app and deploy the charts from git repo by using Argo CD (GitOps)
- Setup infrastructure, Kubernetes & application monitoring (by scraping pods services) with Prometheus, and configure email alerts
- Parse app pods logs using Fluentd configmap and send parsed logs to Elasticsearch and Kibana
- Control k8s services communication by configuring intention in HashiCorp Consul Service Mesh
- Create pipelines using Jenkins / Gitlab-CI which run tests, build Docker images of microservice apps, push images to registry and deploy apps
- Integrate security testing such as pre-commit hooks, SCA, SAST, DAST, container scan, and vulnerability management in DevSecOps pipelines by scanning using containerized tools (Gitleaks, Gitlab SAST, Dependency Check, DefectDojo, Trivy, OWASP Zap)

System Administrator | Robi Axiata Limited | Feb 2020 – Jun 2022

- Configure servers (install packages, create users, run services & apps) with Ansible playbooks
- Automate tasks using Bash & Python scripts that manage files, use APIs or run as cron job
- Analyze application logs; Check disk usage; Update servers
- Manage application, Linux and MySQL database users

Certification

- Certified Scrum Product Owner® (CSPO®) | Scrum Alliance | 2020

Education

- Bachelor of Science in Electrical Engineering | Virginia Tech University | USA | 2019