Amir Mahin

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

Email: [amirhossainaea@gmail.com](mailto: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