

DevOps Engineer (5 Years)

Professional Experience

02/2021 – present
Kuala Lumpur, Malaysia

DevOps Engineer (II), AirAsia

- Currently my responsibility is to manage multiple projects of airasiabig hosted in AWS and GCP.
- I use IAC(Terraform) as main tool for infrastructure provision and change.
- Most of the applications are containerised and runs in kubernetes clusters.
- There is also CI/CD pipeline to deploy those container in different environment.
- Also, developing SOPs for improved troubleshooting and operational practices is another day to day task.If there is any kind of migration needed my job is also strategies and execute that.

07/2020 – present
Dhaka, Bangladesh

Lead Instructor, Tecognize Training

- I usually conduct various courses about Kubernetes, docker, AWS and Python.
- Already taught more than hundreds people around the world.

07/2020 – present
Dhaka, Bangladesh

Cofounder and CTO, Kloudlab.org

- Creating Kloudlab Platform from scratch.
- It is an online cloud and computer science learning platform.
- Our student use this platform for docker, kubernetes and cloud learning.
- Any student can launch lab based on credit, then the platform will create lab(in AWS,Azure,GCP) for him.
- Then he/she can do all kinds of hands on from this platform.

07/2019 – 01/2021
Dhaka, Bangladesh

Senior Software Engineer, InterCloud Ltd.

- **Brilliant Cloud Platform:** Implementing Brilliant Cloud Platform from scratch. This platform creates api call to our underlying infrastructure. Currently our users can create their own vpc, subnet and launch virtual machine form this platform. Platform user also can create firewall rule for virtual machine. I am using kubernetes to manage this whole platform.
- **Users VM Monitoring Service:** Used kafka to monitor thousands of users vm. Deployed Kafka on kuberentes cluster and attached cinder volume with kafka to persist monitoring data.

04/2020 – 04/2020
Dhaka, Bangladesh

DevOps Consultant (Freelance), Evaly

- **Istio Deployment:** Deployed all of their current microservices in kubernetes using istio.
- **Custom Controller:** Wrote an custom controller that shut's down envoy sidecar after any kind of cornjob is done.

11/2019 – 12/2019
Dhaka, Bangladesh

SELISE Rockin' Software

- **Kubernetes Deployment:** Used kubernetes to set up kubernetes in AWS and deployed hundreds of microservices in new cluster. Also helped with their infrastructure migration and service integration.
- **Trainer:** Trained their devops team about managing the ne deployment of kubernetes cluster.
- **Automation and CI/CD:** Wrote new node provision and joining script for kubernetes in Ansible. Implemented docker build and deployment pipeline in jenkins.

04/2019 – 06/2019
Khulna, Bangladesh

Senior DevOps Engineer, ITECH-SoftSolutions

- **Kubernetes:** Design,deploy and maintaining micro-services of multiple customers on Amazon EKS cluster.
- **Monitoring:** Monitoring microservices using Promethues and Grafana.
- **Logging, HPA:** Implemented HPA and NFS based logging system fo container logging.
- **CI/CD:** Writing fully automated CI/CD pipeline for docker build an deployment on kubernetes cluster.

03/2017 – 03/2019
Dhaka, Bangladesh

Senior Software Engineer, Renata Ltd.

- **RenataVisio:** An Industrial IOT project that scrapes sensor and actuator data and saves the scraped data into Influxdb.
- **Notification System:** This service is used for sending push notifications to the maintenance engineer about sensor and actuator malfunction. It is connected with RenataVisio's data pipeline so that it can send notification promptly.
- **Type-ahead Suggestion System:** One can not memorize all sensors and actuators model name. Trie data-structure is used for this suggestion system. So RenataVisio's sensor searching panel will guide someone to find sensor name and quantity from our four thousand sensors inventory database.

Skills

Python	● ● ● ● ●	Golang	● ● ● ● ●
JavaScript	● ● ● ● ●	Docker	● ● ● ● ●
Kubernetes	● ● ● ● ●	Jenkins	● ● ● ● ●
Terraform	● ● ● ● ●	AWS	● ● ● ● ●
GCP	● ● ● ● ●	Azure	● ● ● ● ●

Education

2011 – present **Bachelor of Science in Computer Science and Engineering,**
Chittagong, Bangladesh *Chittagong University of Engineering and Technology*

Achievements

Champion in Bangladesh Round, iARC-2012
• Fourth Position in International Round. (IIT, Kanpur)

Languages

Bangla • English

References

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