Akash Surwase

A Brilliant Mind with Cloud and Automation Skills

In quest of professional enrichments in Software Development & Deployment with a growth oriented organization.

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WORK EXPERIENCE

Associate DevOps Engineer
Opcito Technologies Private Limited

06/2019 - Present   *Pune, India*

DevOps Engineer Intern
Opcito Technologies Private Limited

12/2018 - 06/2019   *Pune, India*

PROJECTS

AWS Infrastructure Provisioning using Terraform and Kubernetes cluster creation using KOPS.
(09/2019 - 04/2020)

- In this project, I have created the required AWS network topology using terraform modules. I have created a Kubernetes cluster in the private subnet of AWS network topology using KOPS and Ansible roles.
- Created Ansible roles to execute the terraform code, to create AWS network topology and to create the Kubernetes cluster using KOPS.

Azure and Google cloud Infrastructure Provisioning and Kubernetes cluster creation using AKS and GKE service.
(05/2019 - 09/2019)

- In this project, I have created the required network topology with Virtual Network, Subnetworks, and Bastion Virtual Machine using terraform modules in Azure and Google cloud.
- Created the Kubernetes cluster using the AKS and GKE service and automated the cluster creation process using terraform modules.

AWS Data Migration from EC2 EBS to Amazon RDS using the (DMS) Database migration Service.
(12/2018 - 04/2019)

- In this project created the setup on AWS, Configured the DMS Replication instance, DMS Endpoints, and DMS Tasks for the Replication of Database and also configured the RDS Database instance manually.
- Created all the infrastructure using Terraform automation Scripts for all components. Created the DMS task using the Pythons boto3 to start the Migration process form the Source EC2 EBS Database to the Target Amazon RDS Database.
- Created Custom dashboards for Monitoring using Datadog.

EDUCATION

Master of Science in Computer Science
CCS, Pune University, India

06/2016 - 06/2018   *Pune, India*

Bachelor of Science in Computer Science
Modern College, Shivajinagar, Pune University,India

2013 - 2015   *Pune, India*

SKILLS

AWS	●●●●○
Ansible	●●●●○
Terraform	●●●●○
Kubernetes	●●●○○
Docker	●●●○○
Jenkins	●●●○○
Helm	●●●○○
Linux	●●●○○
Microsoft Azure	●●●○○
Google Cloud	●●●○○
Python	●●○○○

CERTIFICATES

AWS Certified Cloud Practitioner(S24FQ3Q1M2EQ1NK6) ⧉

AWS Technical Professional (AWS) ⧉

AWS Security Fundamentals(AWS) ⧉

AWS Certified Solutions Architect (associate) (Udemy) ⧉

Python for Everybody by University of Michigan(Coursera) ⧉

Docker Mastery(Udemy) ⧉

LANGUAGES

English
Professional Working Proficiency

Hindi
Full Professional Proficiency

Marathi
Native or Bilingual Proficiency

INTERESTS

Chess | Table Tennis | Photography | Video Games | Socialising with friends