Abhishek Kole

+919030233221 | abhishekkolekp@gmail.com | https://linkedin.com/in/abhishekkole |
https://medium.com/@abhishekkolekp   https://github.com/Abhishekkole https://twitter.com/Abhishekkolekp

Experienced DevOps Engineer with a proven track record of 2.6 years in optimizing software development processes, streamlining deployments, and enhancing system reliability. Seeking to leverage my expertise in continuous integration/continuous deployment (CI/CD), infrastructure automation, and cloud technologies to contribute effectively to the organization.Experience in 3 major clouds(GCP,AWS and Azure).

EXPERIENCE

DevOps Engineer   09/2021 – 03/24
Innominds   *Hyderabad,India*

- 2.6+ years of expertise in Cloud and Devops. Involved in the areas of Environment provisioning with Continuous Integration and Continuous Delivery, Deploying, Monitoring, Build automation with artifact management, code quality integration with CI process.
- Created CI/CD pipelines in Gitlab,Jenkins,Azure Devops and Github Actions.
- Integrated open source tools, which reduced the costs significantly.
- Hosted highly available and scalable applications on GCP and AWS.
- Created Dev, QA, UAT, PT, Pre-Prod and Production environments for various projects
- Deployed microservices to AWS EKS from Gitlab and Azure Devops.
- Integrated security tools such as OWASP and Trivy into CI/CD pipeline implementing DevSecOps to enhance security.
- Used Cloud Build and Cloud Deploy in GCP to continuously deploy to GKE.
- Provisioned the infrastructure on AWS and GCP using Terraform.
- Integrated GitOps/ArgoCD with GKE for Continuous Deployment

PROJECTS

SkyIo/Bullitt | **Azure Devops,Azure Pipelines, Terraform, GCP, MongoDB, Docker, Jira,Clickup, Jenkins and AWS**

- Created the CI/CD pipeline from Azure Devops to AWS and GCP.
- Enabled auto-scaling of production system based on performance and monitoring to better leverage GCP resources.
- Continuously built and deployed microservices on AWS EKS and GCP Cloud run.
- Deployed applications to EKS. Attached the backend resources to Load Balancers/API gateway and exposed it to outer world using Route53.
- Integrated Grafana,Loki and Prometheus for logging and monitoring.
- Provisioned the infrastructure on AWS and GCP using Terraform.
- Link - **Bullitt Satellite Messenger App**

CI/CD from Gitlab to AWS EKS (Side-Project) | **Gitlab,Golang,Docker, AWS EKS**

- Continuously build and deployed the simple Golang backend service to AWS EKS.
- Established the CI/CD between the Gitlab and AWS.
- Dockerized the Golang backend service.
- Integrated OWASP and Trivy to implement DevSecOps which enhances security.
- Link - **https://gitlab.com/assignment734906/Golang-EKS**

CI/CD using Github Actions (Side-Project) | **Github Actions,GCP**

- Established the CI/CD from Github to GCP. Used Github Actions to deploy to GCP Cloudrun.
- Link - **https://github.com/Abhishekkole/helloworld**

DSI(Discrene Science International) | Terraform, Azure CLI, Git, Azure Devops, Kubernetes, Microsoft Azure Cloud

- Wrote terraform scripts to create UAT and Prod environments AKS clusters.
- Deployed applications on AKS cluster.

TECHNICAL SKILLS

AWS: EC2, ASG, VPC, ECS, ECR, EKS, S3, IAM, Route53,API Gateway.
GCP: Virtual Machine, Secret Manager, Instance Group, Cloudrun, API Gateway, Container Registry, Cloud functions,
Pub/sub, Cloudbuild, CloudDeploy, GKE,IAM,Databases,Managed Instance Groups(MIG's).
Microsoft Azure: Azure Container Registry (ACR), Azure Active Directory (AAD), Azure Kubernetes Cluster (AKS),
Storage accounts, Resource groups, Mysql DB and Key vault in Azure cloud.
Linux, Git, Jenkins, Gitlab, Github Actions, Docker, Terraform, GCP, AWS, Azure , Kubernetes, Gitops/ArgoCD, Networking
(TCP, UDP,DNS,DHCP),Grafana,Loki and Prometheus

EDUCATION

Vasavi College of Engineering   Hyderabad,India
Bachelor of Engineering in Information Technology- 7.1   *05/2018 – 06/2021*

TRR College of Technology   Hyderbad,India
Diploma in Computer Engineering - 83.2%   *12/2016 – 10/2018*