

Abhishek Kole

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TECHNICAL SKILLS

AWS: EC2, ASG, VPC, Subnets, NAT, RDS, Lambda, ECS, ECR, EKS, S3, IAM, DNS/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).

Linux, Git, Jenkins, Gitlab, Github Actions, Docker, Maven, Nexus, Terraform, Google Cloud Platform (GCP), AWS, Azure, Kubernetes, Gitops/ArgoCD, RabbitMQ, Postgres/MqSQL, Shell scripting, Python, Networking (TCP, UDP, DNS, DHCP), Grafana, Loki and Prometheus

EXPERIENCE

DevOps Engineer 2

04/2024 – Present

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Hyderabad, India

- 4 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 Jenkins.
- Provisioned the infrastructure on AWS (services such as VPC, Subnets, Load Balancers (LB's), EC2, EKS, RDS, API Gateway, IAM policies, RabbitMQ) using Terraform.
- Integrated GitOps/ArgoCD with EKS for Continuous Deployment.
- Migrated microservices from ECS to AWS EKS, also wrote the Kubernetes (K8s) manifest files.
- Wrote Kubernetes (K8s) manifest files.
- Designed and Implemented metrics based alerting for RabbitMQ.
- Configured SSO to ensure security.

DevOps Engineer

09/2021 – 03/24

Innominds

Hyderabad, India

- 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 Google Cloud Platform (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

Skylo/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 - [GitHub - Abhishekkole/helloworld](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

CERTIFICATIONS

[GCP Associate Cloud Engineer](#) 11/2023

AZ-900(Azure Fundamentals) 10/2022

EDUCATION

Vasavi College of Engineering

Bachelor of Engineering in Information Technology- 7.1

Hyderabad,India

07/2018 – 07/2021

TRR College of Technology

Diploma in Computer Engineering - 83.2%

Hyderabad,India

06/2015 – 06/2018