

# Abhishek Kole

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## SUMMARY

DevOps engineer with 1+ year of experience in configuring, deploying and managing cloud infrastructures. Proven track record of developing, testing, and maintaining CI/CD pipelines, automating workflows to reduce manual efforts and achieving operational excellence. Experienced in using DevOps tools like Linux, GIT, Azure Devops, Terraform, Google Cloud Platform (GCP), Microsoft Azure Cloud, AWS, Kubernetes, Jenkins, Ansible, and Docker. Able to deliver the product in fast paced environment either individually or through teamwork

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## EXPERIENCE

### Devops engineer | Innominds | Hyderabad | September 2021 – Present

- Created Dev,QA,UAT,PT,Pre-Prod and Production environments for various projects.
- Delivered chat applications for Skylo project with high-availability and scalability.
- Implemented the design architecture between Azure and GCP.
- Automated build and deployment of applications to GCP using Azure Devops CI/CD.
- Reduced the downtime of the production environment from 4 hours/week to 2 hour/week by automating deployments.
- Re-architected infrastructure on GCP for better scalability, flexibility and availability.
- Achieved a 95% uptime.
- Enabled auto-scaling of production system to better leverage GCP resources and address traffic spikes.
- Wrote Terraform scripts to create infrastructure on Amazon Web Services (AWS)(for Airworks project) and Microsoft Azure Cloud's(Activ Surgical and DSI-Avatar projects)

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## PROJECTS

### Skylo | Innominds | August 2022 – Present

- Automated build and deployment of applications to GCP using Azure Devops, preventing manual errors.
- Reduced the time for deployment to production from 1 day to 1 hour
- Re-architected infrastructure on GCP for better scalability, flexibility and availability.
- Achieved a 95% uptime.
- Enabled auto-scaling of production system based on performance and monitoring to better leverage GCP resources and address traffic spikes.
- Secured the environments by moving URL's and other values from environment file to Google Secret Manager
- Created scheduler jobs to trigger Google Cloud Functions every 1 minute
- Created various environments according to client's need

### DSI-Avatar | Innominds | March 2022 – August 2022

- Created infrastructure on Microsoft Azure Cloud using Terraform
- Deployed applications to Azure Kubernetes Clusters(AKS)
- Used shell script to automate deployments to Azure Kubernetes Cluster(AKS)
- Created UAT,PT and Production environments according to client's need

### Activ Surgical | Innominds | March 2022 – April 2022

- Created infrastructure on Microsoft Azure Cloud using Terraform.

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## SKILLS

**AWS:** EC2, Autoscaling, VPC, ECS, ECR, Lambda, S3, IAM

**GCP:** Virtual Machine,Secret Manager,Instance Group,Cloudrun,API Gateway, Container Registry

**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, Docker, Terraform, Kubernetes, GIT, Jenkins, Azure DevOps**

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## EDUCATION

**Bachelor of Engineering in Information Technology | Vasavi College of Engineering | Hyderabad | 2021**

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## CERTIFICATIONS

**AZ-900 Microsoft Azure Fundamentals | Microsoft Azure | 2022**