

Vinay Hegde
Software Engineer – DevOps

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Dynamic Software Engineer (DevOps) Skilled at Developing Complex Solutions, Possessing Strong Creative Thinking Skills, High Energy, and Integrity. Willingness and proven ability to quickly acquire proficient development skills in new areas and technologies. Ability to work in a highly collaborative and open communicative environment and to lead the team effectively.

Summary:

- Total 6+ years of professional experience comprising of AWS, Azure and GCP Cloud Engineer, DevOps Engineer, and Azure DevOps Engineer.
- Configuring and managing ci/cd pipelines for application deployments.
- Worked on story board issues.
- Experience in Software Process Automation, Build and Deployment Automation, Release Management, Packaging Quality Control & Source Code Repository.
- Creating, Implementing and Deploying the AWS, Azure, GCP Resources Using the Infrastructure as Code (IaC) with Terraform Templates.
- Implementing of SAST, DAST, CONT scans in CI/CD.
- Experience in Creating the Automated CICD Pipelines Using the Azure DevOps for Build, Test, Publish Artifacts and Deploying into Different Environments (DEV, QA, UAT, PRE-PROD and PROD).
- Experience in Creating the Automated CICD Pipelines Using Jenkins for Build, Test, Publish Artifacts and Deploying into Different Environments (DEV, QA, UAT, PRE-PROD and PROD).
- Experience in Server Automation and Configuration Management Tools like Jenkins and Terraform.
- Automate the Build and deployment of Java & .Net environments using various continuous integration and continuous deployment tools using Jenkins.
- Experience in configuring various plugins for Jenkins for automation and running build jobs.
- Configuring and working with version control systems like Subversion, GIT and used source code management tools like Tortoise SVN, GitHub for branching and merging repositories.
- Experience in DevOps Engineering in automating, building, and deploying code within different environments (Dev, QA, UAT, and Prod)
- Creating and Managing the Amazon Web Services like EC2, EBS, S3, ELB, ECS.
- Experience in automating workflow using GitHub actions.
- Creating and configuring the AWS Scalable resource using the Auto Scaling Group for adjusting the server's performance by scaling up/down servers OR resources
- Experience in Regularly Reviewed Cloud Cost, Optimized Cost, and Reorganized the Cloud Resources for better performance.
- Well experienced in software development life cycle and agile methodology including proposals.
- Microservice deployment on Kubernetes clusters [EKS, GKE, AKS, On-Prem]
- Experience in writing Python scripting and Bash scripting to convert Manual task to automation.
- Advanced ArgoCD deployment methods to deploy Kubernetes manifest files.

Domain Expertise:

1. Healthcare
2. Banking

Technical Skills:

Cloud Platform

Amazon Web Services, Azure, GCP.

Version Control Software

SVN, GIT

Version Management Tools

GITHUB, Bitbucket, Gitlab, Azure-Devops etc.

Integration Tools

Jenkins, Azure DevOps, GitHub Actions etc

Amazon Web Services

IAM, EC2, S3, EBS, ELB, RDS, Auto Scaling, VPC

Microsoft Azure

AAD, VNet, Subnets, Storage Accounts, SQL, etc.

GCP

GKE, VM, VPC, IAM, pipelines, buckets, etc.

Container Orchestration Tools

Docker, AWS ECS/EKS, GKE, AKS.

Infrastructure Tools

Terraform, cloud formation, crossplane etc.

Build Tools

Apache Ant, Maven, MS Build

Monitoring Tools

AWS Cloud Watch, Azure Monitor.

Bug Tracking Tools

JIRA, Azure Devops board.

Operating Systems

Unix/Linux.

Scripting Languages

Bash Shell Scripting, Python.

Application Servers

Apache Tomcat.

Web Servers

Apache HTTP Server, IIS Server

Client Tools

Putty, WinSCP, MobaXterm.

Professional Experience:

TEKsystems | Software Engineer (May 2021 – Till Date)

Jenkins, Azure DevOps, Pipelines, Python Scripting, Docker, Kubernetes, Terraform, Git, Azure Boards, Jira.

Insight – Complete Infrastructure development project for AWS, Azure and GCP.

- Developing IaC code for major cloud platforms like AWS, Azure and GCP.
- Building automated pipeline for deployment of IaC codes.
- Implementation on SAST scans.
- Automation using Python scripts.
- Rest API to deal with Azure pipelines.
- Implementation of secure Backend storage for terraform.
- Configuring GitOps methodology.
- Implementation of Complex pipeline for easy deployments.
- Implementation of one click automation for cloud onboarding setup.

HSBC - The API Modernization Project using ODBC and JDBC driver.

- Implementation of CI/CD on Jenkins.
- Implementation of SAST, DAST,CONT scans.
- Deployment of app on GKE clusters.
- Implementation of AargoCD-Jenkins GitOps.
- Implementation of GitHub and Jenkins API interaction to check codes during PR's.
- Dockerizing application and deploying on clusters.
- Implementation of Complex pipeline for easy deployments.
- Implementation of Jenkins Shared library.
- Implementation of concept of one pipeline for all project .

Micronova Helios Pvt Ltd | DevOps Engineer (Sept 2017 – May 2021)

Jenkins, Ansible, AWS, Website Hosting, Domain Hosting, Networking, Routing.

- Implementation and configuration of Jenkins administration.
- Implementation of GitHub Actions workflow for deployments.
- Implementation of Runners on EKS-Fargate.
- Migrating On-Prem servers to AWS Cloud.
- Migrating On-Prem Application to AWS Cloud.
- Developing API script for SCM migration. (github to gitlab, bitbucket to azure devops).
- Implementation of load balancer.
- Worked on optimizing cloud bills.

- Worked on NodeJS development to build ticketing tool.
- Installed, Configured, and maintained on-prem servers.
- Configuration of servers using Ansible.
- 24*7 On call support for any issues.

Achievement Highlights:

Microsoft Certified Azure Administrator Associate - Certification Number: I430-9372

AWS Certified Solutions Architect Associate - 26K9J5PBJEBQ1VCQ

Microsoft Certified: DevOps Engineer Expert Certification Number - I464-9348

Academic Record:

- **Bachelor of engineering in E&C from M.V.J college of Engineering, Bengaluru affiliated to VTU – 2017.**
- **Pre university college from Sharada P.U College Mangalore.**
- **S.S.L.C from New English School Honavar.**