

Dedicated and results-driven DevOps professional with 4.3 years of hands-on experience in optimizing and streamlining IT operations. Seeking a challenging role to leverage expertise in DevOps technologies and cloud infrastructure to contribute to a dynamic team.

Technical Skills

Cloud Technologies	AWS
Build Tools	Maven
Container Technologies	Docker, Kubernetes
Scripting	Shell and Python
Version Control System	Git, GitHub, Bit Bucket
Configuration Management	Ansible
Infrastructure as Code	Terraform
CI/CD	Jenkins

Professional Summary

Infosys, Mysore — Senior Associate Consultant
Client: Liberty Global

Oct 2023 – PRESENT

- Managed and maintained Kubernetes clusters, ensuring high availability and scalability for containerized applications. Implemented rolling updates and automatic scaling to accommodate increased workloads during peak usage periods.
- Leading the transformation of a monolithic architecture to a Microservices-oriented framework, leveraging the robust capabilities of AWS, Kubernetes, Terraform, and Kubernetes Helm Charts.
- The integration of AWS services, Kubernetes orchestration, terraform provisioning, and Helm Charts deployment resulted in a streamlined and high-performance architecture, setting the foundation for sustainable and scalable growth.
- Collaborated with teams to design and execute the migration plan, boosting agility and resource utilization.

LTIMindtree, Hyderabad — Senior Engineer cloud and Infra

Client: Western Digital

June 2022 - Oct 2023

- Designed and implemented Jenkins-based CI/CD pipelines, automating end-to-end CI/CD processes, reducing deployment error
- Set up Kubernetes Ingress and Ingress controller from scratch, optimizing application routing and resource allocation.
- Collaborated with cross-functional teams to ensure seamless project delivery in an Agile environment.
- Developing and maintaining the continuous integration and deployment pipelines using Jenkins, Git, Maven, JFrog, Ansible
- Working with Dev Team to write Docker file, configuring Jenkins job to use docker build, tag etc
- Worked with Terraform to create AWS components like EC2, IAM, VPC, ELB, Security groups, S3, EKS, etc.
- Extensively involved in infrastructure as code, execution plans and change automation using Terraform.

Wipro, Bengaluru — Admin

Client: Dell Technologies

Sept 2019 - June 2022

- AWS - VPC, Subnet (Private/Public), Route Table, Site-to-Site VPN tunnel establishment, VPC Peering between accounts, NAT Gateway/Instance, Deployed NLB/ALB (http/https) for routing of internet traffic to web server, Iptables configuration, Bastion/Jump Server creation to disallow direct access, IAM Role based application configuration to not use Access key/Secret Key, AWS S3, IAM Cross account management. Created CI/CD on Jenkins with Git repository to deploy Java application.
- Used SonarQube for static code analysis to identify any code quality issues, security vulnerabilities, and bugs.
- Primarily Responsible for Troubleshooting, Creating docker images, Wiring Pipeline script and Checking logs, Creating alarms, creating IAM roles, configuring VMS, creating snapshot, configuring Cloudwatch alarms, writing bash scripts to do tasks, creating partition and mounting it to the VM's.
- Used Nagios as IT infrastructure monitoring tool and monitoring host resources such as processor load, disk usage, system logs, monitoring applications. Docker/K8s
- POC for Infrastructure automation, Support related issue relevance.

- Kubernetes cluster installation with KOPS, RANCHER, KUBEADM, Also automated entire installation with terraform.
- Used **ArgoCD** to manage continuous deployment and watches the Git repository and automatically deploys new changes to the development environment as soon as they are committed.

SOCIAL UTILITIES: -

LinkedIn : <https://www.linkedin.com/in/saikiran-p-a0243569/>
GitHub : <https://github.com/saikiranpi>
Docker : <https://hub.docker.com/u/kiran2361993>
Medium : <https://medium.com/@pinapathrunisaikiran>
Portfolio : <https://www.saikiranpi.in>

EDUCATION: -

Masters In Remote Sensing — M.E

January 2019

Geo Engineering.

PERSONAL DETAILS: -

Father's Name : Ramana Murthy
Gender : Male
Marital Status : Unmarried
Languages Known : Telugu, English, Hindi
Date of birth : June-23-1993

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge.

Pinapathruni Saikiran