Bhargav

Senior Software Engineer

[Portfolio](#)

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Dedicated and results-driven DevOps professional with 5 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
Configuration Management	Ansible
Infrastructure as Code	Terraform
CI/CD	GitHub Actions, Jenkins and Argo CD

Professional Summary

Synfosys Business Solutions Pvt Ltd, Hyderabad — *DevOps Engineer*

Feb 2021 - PRESENT

- Enhanced CI/CD pipeline efficiency for Java, Node.js, and Python applications, delivering a 20% improvement in build and deployment speed.
- Strong experience in containerizing microservices architectures, supporting services across four development teams.
- Achieved a 20% cost efficiency gain by pioneering Kubernetes adoption within the organization.
- Automated provisioning of microservices and Kubernetes infrastructure on AWS using Infrastructure as Code.
- Strong experience in AWS and AWS networking such as VPC, Load Balancing, Compute and IAM.
- Introduced Git best practices that enhanced code collaboration and traceability, while guiding teams on branching strategies and webhook setup.

- Mentored junior DevOps engineers and development teams by enabling Kubernetes onboarding via proof-of-concept exercises.
- Led knowledge-sharing sessions on CI/CD and automation, empowering team members to take ownership of their workflows.
- Rapidly resolved critical production incidents, ensuring high system availability and minimal business impact.
- Received commendation for resolving critical AWS Load Balancer issues, resolving peering problems for a development team.
- Implemented custom domain routing in Kubernetes by orchestrating Route 53 and ALB integration using hosted zones.
- Mastered Kubernetes Ingress and Implementation of Kubernetes Ingress for multiple micro services.
- Setup a terraform remote backend and locking mechanism for the organization using AWS S3 bucket and Dynamodb.
- Experience with terraform remote state management for multiple development teams.
- Experience with ASP .NET framework for developing .NET based microservices.
- Experience working with multiple programming languages such as .NET, Java, Python and Node JS.
- Written the Ansible YAML scripts to configure the remote servers.
- Developed shell scripts for automating node health checks, monitoring CPU, memory, ensuring system stability.
- Developing and maintaining the continuous integration and deployment pipelines using Jenkins, Git, Maven, GithubActions.
- Collaborated with developers to optimize code repositories, resulting in faster code retrieval and collaboration.

EDUCATION

IIT, Kharagpur— *M.Tech*

May 2016 - May 2018

Mechanical Engineer

IIIT, Nuzvid— *B.Tech*

MONTH 2009 - MONTH 2015

Mechanical Engineer