

Bhargav

Senior Software Engineer

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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

- Streamlined the CI/CD pipeline for Java, NodeJS, Python based applications, resulting in a 20% reduction in build and deployment times.
- Strong experience in containerization of microservices architecture applications where I have containerized services of 4 development teams.
- Pioneered the Kubernetes adoption in the organization which helped the organization achieve 20 percent efficiency in terms of cost.
- Implemented infrastructure as code for the microservices and the kubernetes infrastructure on AWS.
- Strong experience in AWS and AWS networking such as VPC, Load Balancing, Compute and IAM.
- Introduced version control best practices with Git, improving code collaboration and traceability. Helped teams with branching strategy and webhook configuration.

- Helped in educating the junior devops engineers or other development teams in onboarding Kubernetes by performing proof of concept.
- Led knowledge-sharing sessions on CI/CD and automation, empowering team members to take ownership of their workflows.
- Resolved critical production incidents promptly, maintaining system availability and minimizing business impact.
- Received commendation for resolving critical AWS Load Balancer issues, resolving peering problems for a development team.
- Experience working Route53 and hosted zones where I have orchestrated the route 53 and ALB integration for custom domain implementation in Kubernetes.
- 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.
- Infrastructure Patch management for all Unix servers using Ansible.
- Developed shell scripts for automating node health checks, monitoring CPU, memory, and other critical metrics, ensuring system stability.
- Developing and maintaining the continuous integration and deployment pipelines using Jenkins, Git, Maven, Ansible.
- 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

HIGHLIGHTS

- Received star of the month award for improving the efficiency using Terraform and Kubernetes.