

# 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

- 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.
- 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