

# Bhargav

Devops & Cloud Engineer | IIT Kharagpur

[Portfolio](#)

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Results-driven IT professional with 5 years of experience, including 3 years specializing in DevOps and cloud infrastructure. Proven ability to optimize IT operations and delivery pipelines, and eager to contribute technical expertise to a high-performing team.

## Technical Skills

Cloud Technologies	AWS
Build Tools	Maven
Container Technologies	Docker, Kubernetes
Scripting	Shell and Python
Version Control System	Git, GitHub
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 30% improvement in build and deployment speed.
- Strong experience in containerizing microservices architectures, supporting services across four development teams.
- Achieved a 25% 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.
- 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