

# Bhuvanchand Maddi

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<https://github.com/bhuvanchandmaddi>

## Summary

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Devops Engineer with 4 years of hands-on experience in supporting and automating deployments over big infrastructure.

Skilled in Python, Bash, Linux, Git, Ansible, Aws, Terraform, Jenkins, Docker, containerization of enterprise applications, orchestration of containers with platforms like Kubernetes in multiple cloud platforms

## Technical Skills

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- **Automation and scripting:** Experience with automation tools such as Ansible as well as proficiency in scripting languages like Python, and Bash.
- **Continuous Integration and Continuous Deployment (CI/CD):** Knowledge of CI/CD pipeline concepts, version control systems like Git, and tools such as Jenkins, Team city, or Gitlab CI.
- **Infrastructure as Code (IaC):** Familiarity with Infrastructure as Code (IaC) concepts and experience using IaC tools such as Terraform and CloudFormation.
- **Containerization:** Hands-on experience with containerization technologies such as Docker, Kubernetes
- **Cloud computing:** Knowledge of one or more cloud computing platforms, such as AWS, Azure, or Google Cloud, and familiarity with cloud-native technologies and best practices.
- **Monitoring and logging:** Familiarity with monitoring tools Prometheus & Grafana, as well as log aggregation tools like Fluent bit.
- **Security:** Awareness of security best practices and experience with security tools and technologies such as firewalls, intrusion detection systems, and encryption.
- **Databases:** Knowledge of database technologies such as MySQL, PostgreSQL, or Oracle, as well as experience with database administration and management.
- **Scripting:** Confirmable with bash, python and PowerShell scripting
- **Configuration Management tools:** Hands-on knowledge on Ansible, puppet

## Experience

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**Software Engineer(Performing devops activities)** - 12/2019 to present

**OpenText, Hyderabad, India**

- Develop helm charts for the Kubernetes solutions.
- Develop and maintain CI/CD pipelines using Jenkins, Gitlab & Teamcity etc. to automate image building & publishing them to artifactory like JFrog
- Automate and optimize infrastructure deployment and management using terraform & ansible
- Evaluate and implement new tools and technologies to improve DevOps processes
- Created pipelines to automate creation of helm packages and publishing them to central location for every code check-in to SCM.
- Automated staging infrastructure deployment in AWS using Terraform, reducing deployment time by 75%.

- Improved system performance by implementing monitoring and logging solutions in k8's, leading to a 30% reduction in downtime.
- Continuously assess and improve DevOps processes and workflows.
- Mentored junior DevOps engineers, leading to a 40% increase in their productivity.
- Played active role in development CI/CD pipeline to automate customer deployment of our ECM solution in private cloud by collaborating with engineering and operations team.
- Implemented logging framework for containerized ECM application using fluent bit
- Automated database backups against 4 different flavors of databases using ansible
- Manage and maintain source code repositories and version control systems
- Developed Kubernetes solution to deploy partner solutions in cloud.
- Developed Kubernetes manifests, Docker files and scripts for Content Suite Platform and modules

**Associate Software Engineer - 06/2019 to 11/2019**  
**OpenText, Hyderabad, India**

- Developed several scripts (using bash, PowerShell and Ansible) to automate internal day-to-day activities of the team
- Develop automated tests for one of the Content Server modules using Selenium in Java.
- Perform deployments of Cloud offering of Content Suite Platform through Kubernetes.
- Deployed Virtual Machine's and Oracle, PostgreSQL & Microsoft SQL Database's used by Developers / QA

## **Education**

Bachelor of Technology: **Computer Science - 2019**  
**Raghu Engineering college, Andra Pradesh, India**

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