

## G. NARESH

DevOps Engineer

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### Professional Summary:

- Having 2 Years of Experience in Information Technology includes Systems Administration, DevOps.
- Skilled at Software Development Life Cycle and involved in agile methodology throughout the project.
- Hands on experience in **AWS** provisioning and good knowledge of AWS Services like **EC2, S3, EBS, ELB, RDS, IAM, Route 53, VPC, Auto scaling, Cloud Watch, Security Groups**.
- Deploy, configure, maintain compute on **AZURE cloud**.
- Expertise in deploying various Microsoft Azure cloud resources mainly Azure **Kubernetes** Services (**AKS**).
- Experience with **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies using Jenkins.
- Worked with **GIT** source code tool and ensured the reliability of the application as well as designed the branching strategies for **GIT**.
- Integrated **Jenkins** CI with **GIT** version control and implemented continuous build based on check-in for various cross functional applications and created **GitHub** Webhooks to setup triggers for commit, push, merge and pull request events.
- Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all build and deployments.
- Deployed applications using **Jenkins** server and Troubleshoot build & release job failures, resolve, work with developers on resolution.
- Experience with Configuration Management automation tool Ansible and has worked on integrating **Ansible YAML Scripts**. Used **Ansible** for configuring and managing multi-node configuration management over SSH.
- Have good experience with infrastructure provisioning tool **terraform**.
- Created **Docker** images using a **Docker** file, worked on **Docker** container snapshots, removing images and managing **Docker** volumes.
- Involved in deploying the code onto web application servers like **Nginx**.
- Worked with **JIRA** for Issue Tracking, monitoring and prioritize issues.
- Worked on installing Kubernetes with Automation using **Kubespray**.
- Worked on **Kubernetes** installation and application deployment in a container using full automated CI/CD pipeline.

## Technical Skills:

<b>System Administration</b>	: Windows & Linux.
<b>Cloud Technology</b>	: Amazon Web Services (AWS).
<b>Version Control Systems</b>	: Subversion (SVN), Git/Git Hub.
<b>Configuration Management Tools:</b>	Ansible.
<b>CI/CD Tools</b>	: Jenkins.
<b>Scripting Languages</b>	: Shell, Python 3.
<b>Virtualization</b>	: VM VirtualBox, VMWare
<b>Monitoring Tool</b>	: CloudWatch, Nagios.
<b>Cloud Automation</b>	: Terraform & CloudFormation.
<b>Container Tools</b>	: Docker & Kubernetes.
<b>Additional skills</b>	: MS Office , MySQL,

## Professional Experience:

**Company: Beboin info pvt Ltd.**

**Project: SSP (skydata sales platform)**

**Role: DevOps Engineer.**

**Description :**

This application is built to manage all the application developed by skidata, it's like a web shop where all the products will be available in a single window. Car Access, People Access & Freeflow (Barrier less parking).

Reservation and subscription of parking place (B2B & B2C).

Available in Both Web app and mobile APP (Android and IOS).

**Roles & Responsibilities:**

✓✓ Creation of new version-controlled branches, merging branches, resolving merge conflicts in Git.

✓✓ Participated in the release cycle of the product which involves environments like Development, UAT and Production.

✓✓ Create continuous integration/deployment by integrating and improving client infrastructure and build pipelines.

✓✓ Providing support to GIT related issues to developers

✓✓ For new applications, work with development team to get the requirements of application build and deployment process

✓✓ Setup and configuring jobs in Jenkins for project builds.

✓✓ Built up CI/CD pipeline using Git, Jenkins, docker and Rancher for applications in VMWare.

✓✓ Managing the slave nodes to execute the job and maintaining the internal project dependencies.

- ✓✓ Perform the tasks of build scheduling, automation and creating patch builds.
- ✓✓ Tracking of all build related bugs using Jira.
- ✓✓ Worked on containerization tool Docker to generate docker images for builds and push those images to docker Registry.
- ✓✓ Deployment of application into different environments using Ansible Playbooks.
- ✓✓Administration, maintenance and support of Centos & Ubuntu servers.

#### **Academic Credentials:**

- B.Tech (Computer Science and engineering ) from Saveetha University with percentage of 86%.
- Intermediate (MPC) from Narayana junior College ,Tirupathi with the percentage of 93%.
- S.S.C from Andhra Pradesh residential school in Gyarampalli, piper, Andhra Pradesh with the percentage of 93%.