**DevOps and Build Release Engineer with 5 years**

Email: anusha.m2498@gmail.com

Cellphone: 8951019192

Anusha M



IT Professional with about 5 years of experience as a DevOps Engineer, in Infrastructure automation, code migration, Configuration Management, and system administration. Experience in setting up the infrastructure on AWS.

# SKILLS

Operating Systems and Software: **Linux/UNIX, Shell scripts**; Build Tools: **Maven, ANT, Makefile**; Version control tools: **GIT, GitHub**; CI tools like **Jenkins, Jenkins pipeline**; Bug tracking tools like **Bugzilla and Jira**; Cloud: **AWS;** Automation Tool: **Ansible;** Containerization: **Docker;** Other Tools: **Helm Chart, Prometheus, SonarQube, Artifactory**; Container Orchestration: **Kubernetes** IaC: Terraform

# EXPERIENCE

**HGS, Bangalore from February 2021 to till date**

# 5G wireless project in which devices in a cell are connected to the Internet and telephone network by radio waves through a local antenna in the cell. The main advantage of the new networks is that they will have greater bandwidth, giving higher download speeds, eventually up to 10 gigabits per second (Gbit/s). Due to the increased bandwidth, it is expected the networks will not exclusively serve cellphones like existing cellular networksRoles and Responsibilities:

* Proficient with various development, testing and deployment tools-GIT, Jenkins, Docker, Kubernetes, Ansible
* Involved in building and configuring Linux servers as required for the project
* Maintaining maximum uptime and maximum performance capacity of production, QA and UAT
* Expertise in **AWS Cloud**, experience in implementing new AWS instances and working with **EBS** and **S3 storage**, **IAM**, **ELB**, **Autoscaling**, **CloudWatch**, **CloudFormation**
* Launching and configuring EC2 cloud servers using AMIs designed and implemented scalable, secure cloud architecture
* Managed aws **infrastructure setup** using **IaC terraform**.
* Created the multiple **Terraform** modules to manage configuration, application, services and automated installation process.
* Working experience on **container orchestration** systems such as AWS ECS and
* Kubernetes.Experience in enterprise application integration including APIs, Web Services,

# Micro Services architecture, Containerization - Kubernetes

* Procure hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes and Docker Swarm.
* Simplify the Image build Stages and made the dockerfile simple and readable

# multistage build dockerfile.

* Create and maintain fully automated CI/CD pipelines for code deployment using jenkins and **groovy scripting**.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes
* Develop tooling and processes to drive and improve customer experience, create playbooks.
* Worked on automation experience on configuration/ deployment management system such as **Ansible**, AWS Cloud Formation.
Helping to resolve all SCM/build issues like merge conflicts, compilation errors, missing dependencies, branching/ merging/tagging
* Assist in the incident management process by reviewing production data and providing analysis of customer-impacting incidents
* Experience in BASH shell scripting
* Proficient in both Windows and Linux at the administration level
* Have worked on server monitoring systems like Nagios
* Excellent Interpersonal skills, ability to interact with people at all levels
* Good experience in working with a team together to deliver the best outputs in given time frames
* I have excellent troubleshooting skills of boot and network problems.
* Extensive experience in installation, configuration and administration of SVN, GIT
* **SRE** Engineer is to collaborate for high-priority Incident Tickets and ensuring system recovery within an SLA.
* **PERVIOUSEMPLOYMENT**

**SYSBIG Technologies India Private Limited from** **June 2018 to February 2021**Roles:
* Reduce Redundant Build Effort and size of the docker image by using multistage dockerfiles.
* Keep all dependencies which are only needed during the build in an intermediate build stage using multistage Docker files.
* Good Knowledge in creating Playbooks, roles and templates in Ansible.
* Hands on experience with Artifactory management tools JFrog.
* Hands on experience with application and web servers like Tomcat, JBoss.
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specifies major component areas where major bugs or build failures occur.
* Good understanding of DevOps key concepts like (Infrastructure as code) Terraform
* Strong working knowledge of Cloud environment and tools. AWS experience is a plus
* Hands-on Knowledge of software containerization platforms like docker and container orchestration tools like Kubernetes and Docker Swarm.
* Experience working with CI-CD implementation a Microservices architecture

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# EDUCATION

* BCA – Government College, Mandya – University Of Mysore, Mysore
* 12th – Carmel Girls PU College, Mandya -Karnataka Board of the Pre-University Education, Bangalore
* 10th – Sri V.V.N High School, Holalu Mandya - Karnataka Secondary Education Examination Borad, Bangalore