

Balaji Suresh Usnale

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2.2 years of Experience as a DevOps Engineer in AURUS TECH PVT.LTD

Core Knowledge & Skills

Versioning Tools / Ticketing Tool	Git, Gitlab, Bitbucket.
Cloud Platform	AWS
CI / CD	Jenkins CI/CD
Containerization	Docker
IAAC	Ansible
Orchestration Tools	Kubernetes
Languages	YAML,BASH,Groovy DSL.
Build Tool	Maven.
Operating System	Redhat, Centos, Ubuntu.

Work Experience

DevOps Engineer
AURUS TECH PVT.LTD PUNE.

April-2019 to Present.
Pune, India.

DevOps Engineer – Roles & Responsibility

- Working knowledge of Gitlab, Bitbucket, Ansible, YAML, Jenkins CI/CD, Docker
- Working knowledge of Jira, GIT, GitHub, AWS, Docker, Jenkins, Maven, Ansible, Kubernetes, YML/JSON.
- Collaborate with related product development teams to drive automation of configuration management, build, release, deployment, and monitoring processes including team's instruction on the developed tools.
- Responsible for automation of multiple parts of infrastructure and deployment systems, striving to improve and shorten processes to enable engineering and operations teams work smart and fast
- Installation and Managing of Packages using YUM, APT,PIP,CHOCO,HELM(K8s).
- Responsible hold on EC2, S3,IAM,ELB,ECS,VPC,CloudWatch, AWS essential services.
- Responsible for Design, Build and maintain the CI/CD infrastructure and tool.
- Responsible for Design and Develop the test automation to validate the builds in the CI/CD pipeline using Jenkins.
- Design and develop infrastructure interfaces and stay abreast of industry best practices and contribute ideas for improvements in DevOps practices, delivering innovation through automation to enable standard deployable units of infrastructure through multiple environments into production.
- Built and deployed docker containers for implementing Micro-services architecture from monolithic architecture.
- Orchestrated container cluster using Kubernetes(EKS).
- Responsible to use Ansible As configuration management tool.
- Responsible for setup docker environment, creating custom docker image, setting up private repository, Creating and managing container.
- Responsible for Measure and monitor progress to ensure application releases are delivered ontime.
- Supporting and maintaining version control Using GIT.
- Designing, documenting, implementing, and maintaining scripts to enhance current build/release processes. Responsible for adhering to Change and Configuration management processes, ensuring all changes are reviewed for quality, rigorous testing and contingency/back-out planning, and that any supporting documentation is fully updated and to the agreed quality standard prior to implementation.
- Monitoring logs for better understating the functioning of the system
- Knowledge of Log analysis.
- Collaborate and support to Engineering and Operations teams to meet infrastructure needs.
- Working on critical all manual tasks written ansible playbooks in YAML to automate certain tasks and deployment using Ansible and integration between product infrastructure system and on-premise infrastructure system.

- Good knowledge of programming concepts, OS related issues, server configuration and builds and release process.
- Working on incident analysis/RCA's/Troubleshooting and identification of permanent resolutions for the same.
- Responsible and automate Linux Hosts and check the 400 Plus server availability check using ping, ssh along with server uptime.
- Responsible to setup for monitoring AWS instances and other web-based applications.
- Responsible and automate the Centralized CPU, Memory and Swap Utilization Management for Linux for multiple servers using ansible yml/Shell script.
- Written and automate critical tasks like to perform DB activities, server reboot activities during Non-prod hours and development using ansible playbook in YAML.
- Have handled and taken over the entire project's infra part with minimal KT and streamlined it and have stood up to mark as per customer and business needs.
- Responsible along with project manager for providing the technical inputs for servers and infrastructure setup and health report.
- Collaboration with local and Global teams to perform and developed best DevOps practices.
- Proficient in automating the infrastructure with AWS, Docker, K8s, Terraform
- Exploring and Hunger to learn new open source tools and technologies and to grow in a fast-paced environment.

Education & Qualification

- HSC with 67.58% from Maharashtra State Board.
- SSC with 91.45% from Maharashtra State Board.
- Bachelor of Engineering with **Higher Second Class** from Pune University.

Personal Details

- DOB : 24/07/1995
- Father's name: Suresh Usnale

Declaration

I hereby declare that all the statements are true and correct to the best of my knowledge and belief.
Place: Pimpri-Chinchwad, Pune Balaji Usnale.