

Anil Aithal

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Bangalore, India

Objective

Critical thinking DevOps Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be a strong team player plus work effectively independently. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Education

BE: BMS College of Engineering

PUC: Poornaprajna PU College

SSLC: TA Pai English Medium High School

Skills

Operating Systems
UNIX, Linux, Windows

Version Control Tools
GIT, GITHUB

Build Management Tools
Maven, ANT, Makefile

Scripting Languages
Shell/Bash Scripting, Groovy scripting, YAML, Python(Basics)

Application Servers
Apache Tomcat

Experience

Roles and Responsibilities

- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Worked with cross-functional design teams to create software solutions that improved overall functionality and performance.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance
- Setting up the GIT repos for Jenkins build jobs
- Performed continuous Build and Deployments to multiple environments like Dev, QA and UAT.
- Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
- Extensively worked on AWS Services like, VPC, Subnets, Route Table, ELB, Auto Scaling, S3, EBS, CloudWatch, SES, SNS, Lambda, Terraform and CloudFormation
- Deployed configuration management and provisioning to Terraform, involved of automated deployment of EBS on to the aws EC2 instances and automated the complete environment on aws
- Created the multiple Terraform modules to manage configuration, application, services and automated installation process.
- Responsible for automating operational tasks, taking EBS snapshots, removing unused AMI
- Understanding the client environment, creating solutions using AWS Services, CI/CD, GIT, Dockers.
- Managing the working environments through configuration management tool, Ansible
- Working on Ansible Modules to bring the required infrastructure changes.
- Using the JFrog artifactory repository to store the artifact versions.
- Provisioning and managing cloud infrastructure using **AWS**.

Continuous Integration Tools

Jenkins

Web Server

Apache HTTP

Bug Tracking Tool

Jira

Configuration Management Tools

Ansible, Terraform

Cloud

AWS

Containerization

Docker, Kubernetes

Monitoring Tools:

Prometheus, Grafana, Elastic Search, Kibana [ELK]

Misc:

Helm Charts, SonarQube, Nexus Artifactory

Sasken Technologies - DEVOPS and CLOUD ENGINEER

Bangalore, India • April 2020 - Current

- Collaborated with development teams to implement continuous integration and delivery (CI/CD) processes using Github, Jenkins pipelines for multiple services
- Designed and implemented Helm charts for Kubernetes deployments, providing reliable and scalable infrastructure for microservices-based applications
- Created Docker images using Dockerfiles, ensuring consistency and security across multiple environments.
- Configuring and managing Docker containers and Kubernetes clusters for application deployment and scaling.
- Managed code repositories and version control using GitHub.
- Worked on setting up and managing Kafka and MongoDB databases.
- Implementing and maintaining monitoring and logging solutions for applications and infrastructure using tools such as Prometheus, Grafana and ELK stack
- Collaborating with development/testing teams to automate the build, test, and deployment processes, ensuring consistency and reliability across environments.
- Participated in troubleshooting and root cause analysis of production issues, identifying and implementing corrective actions to improve system performance and stability.

TCS - SYSTEMS ENGINEER

Bangalore, India • July 2017 - March 2020

- Designing, implementing, and maintaining the infrastructure for the project,
- which involves deploying Java-based applications to an EKS cluster using Kubernetes, Docker, and AWS services.
- Developing and maintaining automated build and deployment pipelines using tools such as Jenkins, Maven, and GitHub
- Collaborating with development teams to ensure that code changes are built and deployed in a timely and efficient manner, while maintaining high-quality standards and minimizing downtime.
- Writing and maintaining infrastructure as code (IaC) using tools such as
- Terraform and Ansible to automate the provisioning of AWS resources.
- Troubleshooting and resolving issues related to the infrastructure, applications, and deployments
- Continuously monitoring the performance and availability of the applications and infrastructure, and taking necessary actions to optimize them.
- Creating and maintaining documentation for the infrastructure, deployments, and processes to ensure knowledge transfer and maintainability
- Collaborating with other teams such as QA, product, and infrastructure teams to ensure that the project meets the requirements, goals, and standards.
- Managing and configuring the CI/CD pipeline to ensure that the code changes are tested, integrated, and deployed in a continuous and reliable manner
- Monitoring and analyzing system logs and metrics to identify performance issues, bugs, or security threats, and taking necessary actions to resolve them.