

Nagendra B

Devops Engineer

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Professional Summary

Accomplished and result-oriented professional with 3+ years of experience as a DevOps Engineer with hands-on experience on supporting, Automating, and optimizing mission critical deployments in AWS, Building, Deploying and releasing of code from one environment to another environment, Source code management, leveraging configuration management, CI/CD, and DevOps processes.

- Implemented multiple **CI/CD** pipelines as a part of **DevOps** role for on-premises and **cloud-based software** using **Jenkins, Ansible, AWS** and **Docker**.
- Experienced with **AWS Services EC2, ELB, VPC, Cloud Formation, Cloud Front, Cloud watch, Glacier, IAM, RDS, Route53, S3, SNS, Code Deploying, Kinesis** and **Lambda**.
- Developing** solution options and associated recommendations based on **Technical** and **commercial** considerations and drive the decision making.
- Experience in working on **IaaS** like **EC2**, **PaaS** like **Docker**, **RDS** and **SaaS** like **Cloud Watch**.
- Experience in implementing **CI/CD pipelines** from **scratch**.
- Extensive experience using **Maven**, and **Ansible** as build tools for the building of **deployable** from **source code**.
- Good working experience on **DevOps tools** such as **Ansible, Maven, GIT, Jenkins** and **Docker**.
- Ability to **build deployment, Build scripts** and automated solutions using **scripting languages** such as **Shell**.
- Experience in **Infrastructure as a service tool terraform**.

Career Timeline

- Working as **DevOps Engineer** with **Cognizant Technology Solutions, Coimbatore** from **March – 2019 to Till Date**.

Core Competencies

- Strong Communication and Collaboration
- Understanding of Major DevOps Tools
- Scripting, Software Security
- Command of Automation Technologies and Tools, Cloud.
- Customer-Centric Mindset, Passion and Pro activity.

Education

Jawaharlal Technological University, Anantapur.

Technical Expertise

Cloud Environments	AWS
AWS Services	VPC, Cloud Front, Route 53, API Gateway, EC2, RDS, IAM, S3, Cloud Watch, Cloud Trail, SNS, SQS, Route 53, Cloud Formation, Code Deploy, Elastic Cache, EKS, Cognito, ECR, Lambda, Dynamo DB, Auto Scaling, DMS, Trusted, Elastic Search, AWS Cost Management.
Configuration Management	Ansible, Cloud Formation
Databases	MySQL
Build Tools	Maven, Jenkins
Web & Application Servers	Apache Tomcat Server
Containerization Tools	Docker
Version Control Tools	GIT, GitHub
Scripting	Shell Scripting, Python
Logs Management	Cloud watch

Professional Experience

AWS DevOps Engineer

Cognizant Technology Solutions (Blue Cross Blue shield of North Carolina)

- Maintained high availability cluster and standalone server environment and refined automation components with scripting and configuration management (Ansible) and experienced in writing Ansible scripts.
- Configuring the Docker containers and creating Docker files for different environment.
- Worked as a system administrator for the build and deployments process on enterprise servers and responsible for user management, administration, group management, slave management, new job setup in Jenkins.
- Manage code repositories in GIT by creating, deleting, merging and securing projects in a proper structure for all releases.
- Experience with version control, branches, pull requests, branch policies and automated build processes in Jenkins.
- Developed CI/CD release pipeline using Jenkins 2.0 Pipeline feature.
- Created Jenkins job for automation of build and deployment process as part of continuous integration strategy.
- Installed Jenkins on a Linux machine and created a master and slave configuration through a build farm for implementation of multiple parallel builds.
- Responsible for continuous integration (CI) and continuous delivery (CD) process implementation using Jenkins along with Shell scripts to automate routine jobs.
- Integrated maven with GIT to manage and deploy project related tags and performed necessary day to day GIT support for different projects.
- Managed central repositories and implemented Atlassian stash along with GIT to host GIT central repositories for source code across products, facilitate code reviews and log audits for security compliance.
- Involved in designing and deploying applications utilizing almost all AWS stack like EC2, Route53, S3, ELB, VPC, RDS, Dynamo DB, SNS, SQS, IAM and focusing on high availability, fault tolerance and auto-scaling in AWS Cloud.

formation.

- ✚ Setting up and building AWS infrastructure resources such as VPC, EC2, S3, IAM, EBS, Elastic Search, Security Group, Auto Scaling, Lambda and RDS in Cloud Formation and involved in deploying the content to Cloud platform on AWS using EC2, S3, EBS.
- ✚ Hands on experience with IAM to set up user roles with corresponding user and group policies using JSON.
- ✚ Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more AWS Ec2 instances.
- ✚ Extensive experience with containerization and related technologies like Docker.
- ✚ Developing Docker images to support development and testing team and their pipelines.
- ✚ Jenkins implementation and configuration resulting full CI to integration environment on commit.
- ✚ Configured the LDAP as a Docker container and created user profiles.
- ✚ Have configured Tomcat application server as a container and automated the deployment.
- ✚ Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling.
- ✚ Built and deployed Docker containers to break up monolithic app into micro services, improving developer workflow, increasing scalability, and optimizing speed.