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Devops Engineer

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Professional Summary:

- Over 4.6 Years of Experience in Information Technology includes DevOps management and production deployments which include Packaging, Deploying and Application Configurations.
- Skilled at Software Development Life Cycle and involved in agile methodology throughout the project. Involved in weekly and daily bases release management.
- Hands on experience in AWS provisioning and good knowledge of **AWS services** like **EC2, S3, ELB, RDS, IAM, Route 53, VPC, Auto scaling, Cloud Front, Cloud Formation, Security Groups.**
- Experience with **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies using Jenkins and AWS Code Pipelines.
- Worked with **GIT** source code management 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 in working on tools like **SonarQube** to check the quality of the code and **Nexus** to save the builds.
- 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.
- Created **Docker** images using a **Docker** file, worked on **Docker** container snapshots, removing images, and managing **Docker** volumes
- Knowledge of Shell Scripts for automation purpose.
- Involved in deploying the code onto web application servers like **Nginx/ Apache Tomcat.**
- Worked with JIRA for Issue Tracking, monitoring and prioritize issues.
- Understanding of fundamental technologies like **DNS, Load Balancing, SSL, TCP/IP**, networking, and security best practices.
- Worked on installing Kubernetes with Automation using Kubespray
- Worked on Kubernetes installation and application deployment in a container using full automated CI/CD pipeline
- Worked on AKS deployment with Azure Devops CI/CD pipelines for LoadBalancing solutions

Environment: Amazon Web Services (AWS), Git, GitHub, Ant, Maven, Jenkins, Ansible, Docker, Nagios, Grafana, Shell Scripting, YAML, MySQL, Linux, Unix, Centos (RHEL), Windows environment.

Professional Experience:

Client : xxxxx, Bangalore.
Role : AWS DevOps Engineer.
Duration : May xxxx to till date

- Extensive experience in strategy and practical implementation of AWS Cloud services which include EC2, EBS, S3, Glacier, Storage Gateway, VPC, Route 53, RDS, ELB., ECS, Cloud Front, Elastic Cache, Cloud Watch, CloudTrail, Lambda, AWS Elastic Beanstalk, SNS. And, also worked in migrating a production infrastructure into an Amazon Web Services utilizing AWS Cloud formation, Code Deploy, Code Commit, Ansible and EBS.
- Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
- Planning and implementation of data and storage management solutions in Azure (SQL, Azure files, Queue storage, Blob storage).
- Used Atlassian tools JIRA, Confluence, Bitbucket, for defect management, team collaboration, source code management and continuous integration and deployment practices.
- Creating and Implementing branching and merging strategy with multiple branches and used Git and Bitbucket as source code management repository to keep track of version changes
- Deployment of All Software to Production and UAT environments. Oversee the group responsible for deployment of software to QA/Dev environments, setting up Octopus Deploy, Establishing TeamCity, Setup servers in AWS.
- Worked with Ansible for Orchestration of Deployments for various servers and managed Ansible Playbooks with Ansible modules, implemented CD automation using Ansible, also involved in managing existing Tomcat Webserver and automated the configuration of new servers.
- Configured password less SSH connection between nodes to run the ansible playbooks. Managed the inventory file in Ansible.
- Experienced using different log monitoring tools like Grafana, ELK (Elasticsearch, Log Stash, and Kibana) to see logs information. Monitor & get the health & security notifications from nodes. Created monitors, alarms & notifications for EC2 hosts using CloudWatch.
- Scheduled various regular and periodic tasks by using crontab.
- Experience with building and supporting API services.
- Involved in Manual, Blue Green Deployment and Capistrano Deployments. Updating the config file.

Environment: Agile Methodology, Git, Bit Bucket, AWS (VPC, EC2, S3, RDS, Dynamo DB, IAM, EBS, Route53, SNS, Security Group, Auto Scaling and RDS, ELK etc.), Azure, TICK, Grafana, My SQL, Ansible.

Previous Experience:

Company : Cohesity Bangalore.
Designation : Cloud Engineer.
Duration : Apr xxxx to May xxxx.

Job Responsibilities:

- Supporting, installing, and resolving issues on GIT and GITLAB environments.
- Deployed enterprise application codes with Tomcat server: WAR files (Web application Archive) and running database scripts.
- 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.
- Continuously manage performance through trending analysis and work with development teams on identified tuning opportunities.

Academic Credentials:

- B. TECH from JNTUK University
- 12th from Board of Intermediate Education
- S.S.C from Board of Secondary Education

Date:

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