**AWS and DevOps Engineer**

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**Career Objective**

Well versed in software production, development life-cycle, Cloud Infrastructure and release of software products. Looking for a responsible position as a DevOps Engineer in an established IT firm with **3.4** years of experience in **DevOps Engineer** activities.

**Professional Summary**

* Total IT experience of 3+ **years**
* **3+ years** of work experience in **Configuration Management and DevOps** activities
* Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes **Amazon Web Service (AWS), Ansible, Jenkins, Git, Maven, Docker, Kubernetes** etc.
* Experience in using **AWS** including **EC2**, **Auto-Scaling in launching EC2 instances, Elastic Load Balancer, S3, RDS, VPC, Route53, Cloud Watch, IAM,ECS,Lambda,CFT.**
* Provisioning **EC2** instances and have knowledge on all resource areas of **EC2** like Instances, Dedicated hosts, volumes, Key pairs, Elastic IPs, Snapshots, Load Balancers and Security Groups.
* Experience in using version control tools like **GIT**
* Experience in **branching, tagging** and **maintaining** the version across the environments working on Software Configuration Management **GIT**.
* Trained development teams on GIT usage and best practices.
* Expertise in using build tool like **Maven** for the building of deployable artifacts such as rar, jar, war & ear from source code.
* Experience with web and application servers (**Apache http server, Tomcat**).
* Working knowledge on Continuous Integration and deployment using various CI tools like **Jenkins**
* Good knowledge in Continuous Integration setup Configured multiple build jobs, integrated test cases, created distributed build environments, and performed plug-in installations, backup etc using Jenkins.
* Integrated **Git, Maven, Tomcat,** **Docker** and **Ansible** with continuous deliver tool **Jenkins.**
* Experience in working with configuration management tools like **Ansible.**
* Experience in code coverage tools like **SonarQube**
* Experience in Containerization tool like **Docker.**
* Experience working on several **Docke**r components like **Docker** Engine, Hub, Machine, creating **Docker** images.
* Expertise in trouble shooting the problems generated while building, deploying.
* Quick learner and hardworking individual.
* Working as a **Linux** admin.
* Using CloudFormation we are building Infrastructure

**Educational Qualifications:**

* **B. Tech From JNTUK**

**Professional Experience:**

* Worked as a DevOps Engineer for cognizant, Bangalore from April-2018 to till date.

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| Versioning Tools | Git, GitHub,Bitbucket |
| CI / CD | Jenkins |
| Build Tools | Maven |
| Configuration Management | Ansible |
| Containerization tools | Docker |
| Container Orchestration tool | Docker swarm,Kubernetes |
| Scripting | Python,shell |
| Operating Systems | LINUX, (Red Hat, Centos), Windows |
| Database | Mysql,Rds |
| Cloud Platforms | AWS |
| Monitoring tools | Cloud Watch, ELK,Splunk |
| Code Quality | SonarQube |
| Artifact repository | Nexus |
| Infrastructure as a code | Cloudformation, Terraform |

**PROJECTS:**

**Client** : **HPE**

**Designation**  : **DevOps Engineer**

**Duration**  : **June 2019 to tilldate**

**Roles and Responsibilities:**

* Handling complete Build and Release management process including code, document and supporting testing team.
* Review the Software Configuration Management Plan (SCMP).
* Creating new users and giving the proper permission to access the repository based on the SCMP of the project (Access Maintenance).
* Follow-up and verify the Backup regularly (Backup maintenance).
* Performing builds using MAVEN, creating new branches & setting up the build environment.
* We are Deploying Application Using KubeDirector in Kubernetes.
* Maintaining the source code and performing deployments towards TEST/UAT/PROD environments and troubleshooting on various servers in case of failures.
* Automating the Build Processes using CI tools Jenkins.
* WAR files generation (Build Generation). Deploy the WAR files in respective servers (Deployment).
* Extensively used utilities like MAVEN, Shell Scripting for build operations.
* Managing DailyBuilds,Weekly Builds, Nightly Builds.
* Deploying the WAR files in Tomcat Server
* Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, S3, RDS, IAM.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu) and Configuring launched instances with respect to specific applications
* Hands-on in writing the Docker files for building images.
* Containerizing applications with Docker

**Client** : **ABN AMRO**

**Designation** :  **Build and Release Engineer**

**Duration**  : **April 2018 to May 2019**

**Roles and Responsibilities:**

* Performed Integrated delivery (CI and CD process) Using Jenkins, Git, Maven and Ansible.
* Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs and completion of scheduled jobs such as backups.
* Created Repositories to store the migrated code in GIT.
* Automated the build and deploy tasks using Maven
* Creating users and groups in Tomcat.
* Replacing Tomcat default port numbers and deployments.
* Conducting or supporting the deployment of software releases into development and test environments, troubleshooting release package, and deployment procedure or environment configuration issues.
* Involved in integration of Git, Maven, Tomcat, Docker with Jenkins.
* Created tags and branches for specified commits in Git-Stash-SourceTree.
* Resolved merge conflicts in Git-Stash.
* Create and maintain build, deployment and rollback scripts/tools.
* Execute scheduled application builds and deployments.
* Provide support for application and environment configuration issues.
* Coordinate with support teams to support and resolve build issues.
* Supporting developers in Configuration management environment.