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**DEVOPS ENGINEER**

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**Career Objective:**

Well versed in software production, development life-cycle and release of software products. Looking for a responsible position as a **DEVOPS ENGINEER** engineer and Middleware administration in an established IT firm where I can utilise my capability for the betterment of organisation.

**Professional Summary:**

* Overall **4.8 years** of experience and 3.8years in Build process, Software Product Development, Process Automation, Source Code repository & Environment management. Change/Incident Management and Cloud Management.
* Skilled with Cloud to design Infrastructure as a Service (Iaas) Amazon Web Services **– EC2, S3, ELB, AutoScaling, VPC, IAM**.
* Configure Elastic Cloud Computing (**EC2**) instances with **AMI** Linux and Windows OS.
* Configure Elastic Load Balancer (**ELB**) for distribution incoming application traffic across multiple **EC2** instances.
* Managed and supported AWS Security related issues, such **IAM** and **S3** policies for user access
* Creating S3 buckets, uploading objects to **S3** buckets and downloading objects from S3 buckets
* Deploying artifacts to **S3** buckets from Jenkins.
* Having good understanding of devops.
* Good understanding of configuration management, build and deployment concept
* Working experience in **SVN** and **GIT** [ branching and merging] and maintain

across on Linux and windows environments.

* Troubleshooting knowledge in **maven**
* Exposure with Jenkins administration.
* Knowledge of java code coverage tools: **Sonarqube**
* Experience in deploying java applications and troubleshooting build and deployment failures.
* knowledge of web servers(Apache and Nginx) and load balancers
* Experience application deployment using Tomcat
* Responsible for 3 tier support of build and/or deployment issues for non-production environments.
* Experience with ticketing tool like JIRA
* Experience in Devops tool chain and platform such as: Git,jenkins,artifactory, ansible
* Experience maintaining configuration tool **ansible, Docker.**
* Software Configuration management (Automate CI & CD pipe using Ansible, Maven, Jenkins & GIT).
* collaboration with test staff to connect test services with continuous integration, to enhance test services and provide on demand report of test status.

**Professional Experience:**

* Working as a **Devops Engineer** at **Honeywell Technology Solution** Bangalore from Dec 2014 to Till date

**Education:**

|  |  |  |
| --- | --- | --- |
| **Degree** | **Percentage** | **Year of passing** |
| B.Tech | 60.69 | 2011 |
| Intermediate | 86.20 | 2007 |
| SSC | 79.66 | 2005 |

**Technical Skills:**

|  |  |
| --- | --- |
| Operating Systems | Windows/Unix/Linux |
| Build Tools | Ant,Maven |
| CI/CD Tools | Jenkins/Hudson |
| Database | Oracle 10g and 8i/9i, MS SQL |
| App Servers | Apache Tomcat, Jboss, Websphere |
| Bug Tracking & Testing | JIRA, Remedy and Service Now |
| Configuration Management | Ansible and Chef. |
| SCM Tools | SVN and GIT |
| Cloud Computing | AWS (EC2, IAM, S3, ELB and Auto Scaling) |
| Artifactory | Nexus and Jfrog artifactory |
| Code analysis | Jaccoco and Sonar |
| Scripting Languages | Shell, Python, Yaml. |

**Project #1:**

**Client Name : Honeywell DRAS (Demand Response Automation Server)**

**Role :** Devops Engineer

**Duration :** Feb 2018 – Till Now

**Technical Environment :** GIT, Maven, Github, Jenkins, Nexus, Linux, Apache.

**Role & Responsibilities:**

* Skilled with Cloud to design Infrastructure as a Service (Iaas) Amazon Web Services **– EC2, S3, ELB, AutoScaling, VPC, IAM**.
* Configure Elastic Cloud Computing (EC2) instances with **AMI** Linux and Windows OS.
* Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2 instances.
* Managed and supported AWS Security related issues, such **IAM** and **S3** policies for user access.
* Creating S3 buckets, uploading objects to S3 buckets and downloading objects from S3 buckets
* Deploying artifacts to S3 buckets from Jenkins.
* Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Troubleshoot problems arising from Build failures and Test failures.
* Build, Configure, Manage and Coordinate all Build and Release Management activities through ansible.
* Build and deploy tools to make smooth pipeline transition in pre-production environments.
* Managed Sonatype JFROG artifactory repositories to download the artifacts during the build.
* Good experience in working with a team together to deliver best outputs in given time frames.
* Responsible for installing Jenkins master and slave nodes.
* Perform Build activities using Maven and Jenkins tool.
* Verify Deployments logs to check for successful deployments.
* Maintenance of source code in GIT. Branching, codes merging between the branches
* GIT administration at contributor and collaborator level.
* Administered Continuous Integration tools Jenkins
* CI/CD processes in the framework of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Maintained and upgraded Jira issue tracker, Sonar code review tool.
* Tuning of Long running builds.
* Frequently committing the code the version control system.
* Fixing merge conflicts.
* Managed Version Control GIT Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
* Configured local Maven repositories with Jfrog repositories and scheduled projects in Jenkins for continuous integration.
* Automated web application deployment using ansible roles.
* Managed ansible tower in adhoc basis for lower environments.
* Tracking daily support activities and working on improving the Productivity Address and resolve incidents raised by various teams

**Project #2:**

**Client Name : Honeywell Automation Control System, U.S**

**Role :** Devops Engineer

**Duration :** Dec 2015 – Jan 2018

**Technical Environment :**SVN, GIT, Github, Maven, Jenkins, Tomcat, Ansible.

**Role & Responsibilities:**

* Responsible for Environment Management and deployment automation, provision the infrastructure of windows and Linux environments. In addition, developing and supporting day to day release builds and deployments, improving existing infrastructure and services with upgrades, and consolidate existing tools.
* Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Troubleshoot problems arising from Build failures and Test failures.
* Build, Configure, Manage and Coordinate all Build and Release Management activities through ansible.
* Build and deploy tools to make smooth pipeline transition in pre-production environments.
* Managed Sonatype JFROG artifactory repositories to download the artifacts during the build.
* Good experience in working with a team together to deliver best outputs in given time frames.
* Responsible for installing Jenkins master and slave nodes.
* Perform Build activities using Maven and Jenkins tool.
* Verify Deployments logs to check for successful deployments.
* Maintenance of source code in GIT. Branching, codes merging between the branches
* GIT administration at contributor and collaborator level.
* Administered Continuous Integration tools Jenkins
* CI/CD processes in the framework of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Maintained and upgraded Jira issue tracker, Sonar code review tool.
* Tuning of Long running builds.
* Frequently committing the code the version control system.
* Fixing merge conflicts.
* Managed Version Control GIT Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
* Configured local Maven repositories with Jfrog repositories and scheduled projects in Jenkins for continuous integration.
* Automated web application deployment using ansible roles.
* Managed ansible tower in adhoc basis for lower environments.
* Tracking daily support activities and working on improving the Productivity.

**Company Name: Honeywell**

**Role**  : System Administrator

**Duration** : Dec 2014 – Nov 2015

**Technical Environment** : RHEL 5/6/7, Red Hat Cluster

**Role & Responsibilities:**

* Knowledge on installation, configuration of Linux servers.
* Creating volumes and managing file system using Logical Volume Manager(LVM).
* File System administration (creating and increasing file systems ).
* File System capacity management and integrity checking.
* Creating and managing Users/Group accounts and set up users work environment
* Implementing security by creating file permissions SetUID, SetGID and Sticky bit
* Installing Packages by using RPM and Yum.
* Managing Installed Service and managing processes.
* Knowledge on Installation, configuration & up gradation of Linux servers.
* Troubleshooting boot process issues.
* Scheduling the CRON and AT Jobs.
* Network configuration and virtual network interface setup on servers.
* Providing sudo access to the users and configuring aliases.
* Managing Installed Service and managing processes.

Place: Bangalore (Ravichandrakumar M)