**Ibrahim Mohammed**

**DevOps Engineer**

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**Professional summary**

* Overall **8** **years** of experience in **DevOps**, **middleware support Build and Configuration, Build and Release application** under various platforms.
* Exposed to all aspects of **software development life cycle (SDLC)** such as Analysis, Planning, Developing, testing, and Implementing, Post-production analysis of the projects.
* Good knowledge on **AWS** Cloud Administration which includes services like EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, Redshift, IAM, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Terraform, Cloud Formation, Security Groups.
* Extensively worked on **Jenkins** by installing, configuring and maintaining for continuous integration (**CI**) and for End to End automation for all build and deployments.
* Hands on experience with **AWS** cloud, Terraform and **Chef** Environment.
* Developed **Chef** Cookbooks and Recipes to manage systems configuration. Experience in **chef** automation including writing cookbooks, customized recipes for test driven developments.
* Wrote **Ansible** Playbooks with SSH as the Wrapper to Manage Configurations of **AWS** Nodes and Test Playbooks on AWS instances using Shell.
* Experience in developing scalable solutions using NoSQL databases CASSANDRA, MongoDB. In depth knowledge of Apache Cassandra and Datastax Enterprise Cassandra.
* Expertise in designing the **Google Cloud** architecture by following the financial regulations from security point of view.
* Expertise in writing Terraform templates to deploy various cloud environment infrastructures like Dev, QA and UAT in AWS.
* Had very strong exposure using Ansible automation in replacing the different components of OpenShift like ECTD, MASTER, APP, INFRA, Gluster.
* Experience in managing the clusters using Kubernetes (k8s). Used Jenkins to deploy code to **Google Cloud** with new namespaces, create Docker images and push them to container registry of **Google Cloud**.
* Designed, Installed and Implemented **Ansible**configuration management system, **Ansible** Control server to deploy **playbooks** to the machines and systems in the inventory.
* Created private cloud using Kubernetes that supports DEV, TEST, and PROD environments.
* Experience in working with **Git** to store the code and integrated it to **Ansible** **Tower** to deploy the playbooks. Implemented Continuous Integration using **Git**.
* Managed local deployments in **Kubernetes**, creating local cluster and deploying application containers.
* Container management using Docker by writing **Docker files** and setup the automated build on Docker HUB installed and configured **Kubernetes.**
* Designed the architecture with **Google Cloud** **Security** model, secure-by-design infrastructure, built-in protection, and global network that Google uses to protect your information, identities, applications, and devices.
* Automate the process using **PowerShell** and windows command Shell
* Experience in creating Docker containers, micro services leveraging existing Linux Containers and AMI's in addition to creating **Docker** containers from scratch. Used **Docker** for automating the deployment of applications inside software containers.
* Experience in **Azure infrastructure management** (Azure Storage, Azure AD and Office365).
* Managed Kubernetes charts using Helm. Created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files and managed releases of Helm packages.
* Installed and teste **VMware**, **VRealize** Automation and **VRealize** operations to enable cloud orchestration layer for software data center model in test bed.
* Ability to build deployment, build scripts and automated solutions using scripting languages such as **Shell** and **python**.
* Expertise in automation testing using **Selenium, Java, Cucumber, Junit, Jenkins**.
* Integrated **Salesforce DX** into these tools so that you can set up continuous integration for your Salesforce applications.
* Strong experience on DevOps essential tools like VSTS, Jenkins, Ant, Maven and migrated VMWARE VMs to Azure and Managed Services like VM, VPN, VNet, UDR, NSG.
* Developing, managing and maintaining the **DevOps of Checkmarks R&D.**
* Designed and developed User Interface using **JSP, HTML, PHP and JavaScript.** Operations, Associated as Application Development.
* Strong knowledge and experience with web technologies like **HTML JavaScript**, **ASP.NET**, **.NET framework** features including Reflection and Metadata.
* Developed **Golang API** and chat-bot using TDD to aggregate data to show application server alignment.
* Developed and executed software systems utilizing **JavaScript** and **Groovy**.
* **Continuous Improvement** (CI) leadership – developed and deployed an outcome-based CI program design, building executive support and sponsorship, and aligning global teams around a strategy focused upon long-term improvement of critical business KPIs
* Worked extensively on LDAP integrations. Very good understanding of integration with these varieties of protocols: **SOAP** and **REST** API’s
* Extensive experience with software Build automation and standardization tools like **ANT** and **Maven**.
* Good knowledge in Continuous Integration and Continuous Deployment methodologies.
* Experience in using tools like **JIRA** for ticketing and worked with different Bug tracking tools like **JIRA**, HP Quality Center.
* Good Experience and understanding of **Windows** and AD administration, troubleshooting, configuration.
* Develop or modify **SQL** queries and stored procedures to meet business requirements and achieve desired performance.
* Having good Knowledge of **Node.js** **Framework**, understanding of front-end Technologies in **Node.js** Development.
* Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Experience in administering Linux. Experience in installation, configuration, backup, recovery, maintenance and support.

**Education Qualification:**

**Bachelor of Technology (IT) Osmania University (Hyderabad/India) 2011**

**TECHNICAL SKILLS**

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| --- | --- |
| **Version Control Tools** | Git, SVN, Perforce. |
| **Build Tools** | Maven, Ant. |
| **Continuous Integration** | Hudson, Jenkins. |
| **Scripting** | Shell, Python, Ruby, PowerShell, Groovy, Golang |
| **Configuration Management** | Ansible, Chef, Puppet |
| **Web Tools** | JSP, PHP, XML, Spring Boot. |
| **Databases** | MYSQL, NOSQL. |
| **Application Servers** | Apache Tomcat, WebLogic, WebSphere, Jboss |
| **Monitoring Tools** | Splunk, Nagios. |
| **Cloud** | AWS, Microsoft Azure, Google Cloud Platform. |
| **Operating systems** | Windows, Mac, Ubuntu, Linux (RedHat 3.x,4.x,5.x,6.x SUSE 10)VMware ESX 3.x,4.x, Hardware |
| **Containerization Tool** | Docker. |

**Experience:**

**Equifax, Alpharetta, GA**

**Site Reliability Engineer May 2019 to Present**

**Roles:**

* Identifies significant projects that result in substantial cost savings or revenue.
* Identifies changes for the product architecture from the reliability, performance and availability perspective with a data driven approach.
* Developed and integrated monitoring and testing solutions, ensuring that all company policies and procedures were followed.
* Building and deploying applications to the cloud (Azure) using infrastructure as code tools such as Terraform.
* Diagnosed, investigated and resolved all IT incidents, managed error budgets for technical and engineering teams.
* Proactively work on the efficiency and capacity planning to set clear requirements and reduce the system resources usage to make GitLab cheaper to run for all our customers.
* Identify parts of the system that do not scale, provides immediate palliative measures and drives long term resolution of these incidents.
* Identify Service Level Indicators (SLIs) that will align the team to meet the availability and latency objectives.

**Responsibilities:**

* Engage in and improve the software development lifecycle-from inception and design, through development, deployment, operation and refinement for greater reliability.
* Influence and design infrastructure, architecture, standards and methods for large-scale systems
* Support services prior to production via infrastructure design, software platform development, load testing, capacity planning and launch reviews.
* Used AWS **Lambda** to manage the servers and run the code in the **AWS**.
* Implement and support third party **AWS** ecosystem tools. **Twistlock**, **Acquasec** – Container security.
* Experience in creating Task definitions, which specifies the tasks, Resource allocation (**Fargate**), services and docker image on which application is built for Elastic container service ALB.
* Creating **Lambda** function to automate snapshot back up on **AWS** and set up the schedule backup.
* Using **CloudTrail**, CloudPassage, CheckMarx, Qualys Scan tools for **AWS** security and Scanning.
* Created monitors, alarms and notifications for EC2 hosts using **CloudWatch**.
* Installed configured and administered **WebLogic** application server and windows environment.
* Created connection pools and data sources in **WebLogic** console.
* Deployed Java applications to Application servers in an agile continuous integration environment and automated the whole process. Build scripts using **ANT** and **MAVEN** build tools in Jenkins, Sonar to move from one environment to another environment.
* Worked with **Docker** container snapshots, attaching to a running container, managing containers, directory structures and removing **Docker images**.
* Experienced in maintaining and building Docker Infrastructure for SOA application in **agile** environment.
* Worked with **Pivotal Cloud Foundry** and OpenShift/Kubernetes architecture and design, troubleshooting issues with platform components **(PCF)**.
* Developing global/multi-regional deployment models and patterns for large scale developments/deployments on **Cloud Foundry** and Openshift/Kubernetes.
* Used **Jenkins** pipelines to drive all **microservices** builds out to the **Docker** registry then deployed to **Kubernetes**, created pods and managed using **Kubernetes**.
* Experience working on Docker hub, creating Docker images and handling multiple images primarily for **middleware** installations and domain configurations.
* Experienced in Troubleshooting, Load Balancing, Clustering, Deploying Applications, **Middleware** Performance Tuning and Maintenance of Applications Web servers.
* Maintaining Docker Container clusters managed by **Kubernetes**, Linux, Bash, GIT, Docker, on AWS. Utilized **kubernetes** and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Created Cloud Infrastructure on Azure with Terraform templates.
* Played a key role in automating the deployments the deployments on **Azure** using GitHub, Terraform, Puppet, Chef and Jekins
* Experience in Cloud based container application platform **OpenShift** and servers like WebSphere**, Jboss** EAP, TomCat.
* Deployed **Azure IaaS virtual machines** (VMs) and **Cloud services** (PaaS role instances) into secure VNets and subnets.
* Implemented **Bash**, **Perl**, **PowerShell**, **Python** Scripting and Cloud services on **Azure**.
* Expertise in Azure Scalability and Azure Availability- Build VMs availability sets using the Azure portal to provide resiliency for Iaas based solution and virtual machine scale sets (VMSS) using **Azure Resource Manager (ARM) to** manage network traffic.
* Migrating several data bases from on premise data center to **Cassandra** and working with **Cassandra** Query Language
* Implemented multi-data center and multi-rack **Cassandra** a cluster and involved in migrating data from oracle to **Cassandra.**
* Automated staging and artifact clean up by Ant, Perl, Unix and Hudson for different applications.
* Created automatic CRON jobs to perform cleanup of build server space
* Integrated **UDeploy,** deploy with **Nexus** and **Jenkins** to achieve **CD** (Continuous Deployment).
* Installed binaries, configured and administered Jenkins **Continuous Integration** tool on **Linux** machines along with adding/updating plugins such as **SVN,** Git, Maven**, ANT, and Chef.s**
* Automated deployments using **Chef** Configuration management tool.
* Used **Chef** for helping developers in deploying a centralized log management system.
* Maintain services during deployment and in production by measuring and monitoring key performance and service level indicators including availability, latency, and overall system health.
* Automate system scalability and continually work to improve system resiliency, performance and efficiency
* Leverage technical skills to partner with team members and be comfortable diving into a problem as needed.
* Remediate tasks within corrective action plan visa sustainable, preventative, and automated measures whenever possible.

**Environment:** AWS, EC2, S3, SNS, SQS, RDS, CloudFormation, DynamoDB, Cloudwatch, Chef, Cloud Formation, Terraform, Ansible, Puppet, Jenkins, GCP, Docker, Kubernetes, GitHub, Bitbucket, App Dynamics,, Python, Bash, Ruby.

**USAA, San Antonio, TX**

**DevOps Engineer March 2018 to May 2019  
Roles:**

* To Test, build, design, deployment, and ability to maintain the continuous integration and continuous delivery process using tools like Jenkins, maven Git, etc.
* To choose the best tools and technologies which best fits the business needs.
* Too automate test and deploy the code and monitor.
* Work in close coordination with the development and operations team such that the application is in line with performance according to the customer's expectation. AWS provisioning using Terraform.
* To integrate the new/ updated features with the existing framework.
* To handle code which has to fit across multi-tenant environments including cloud and which manages and handles software that’s built and deployed across challenging applications.
* To associate with the team to handle the challenges arising in the coding or scripting part which includes libraries and software development kits to run the software on various OS and for deployment.
* To be aware of the development tools which write the new code or enhance the existing code.

**Responsibilities:**

* Delivered centralized software configuration management for enterprise application projects in a multi-tiered high-availability environment.
* Provided configuration services on multiple platforms in the test environment running on one or more IT Platforms: **Maven,** Client/server**,** MS Build, Microsoft Windows NT, UNIX.
* Performed troubleshooting and administration of Version control tools such as **SVN** and implemented hook scripts for various usage processes in **SVN** and assisted teams in implementing **Branching** and merging strategies along with generating merge reports to assist in merging up and merging down on weekly basis.
* Integrated **Maven** with **SVN** to manage and deploy project related **tags**.
* Implemented a ‘server less’ architecture using API Gateway, **Lambda**, and **DynamoDB** and deployed **AWS** **Lambda** code from Amazon **S3** bucket. Created a Lambda deployment function and configure it to receive events from your **S3** bucket.
* Installing, configuring **Cassandra** on AWS platform, developing scalable solutions using NoSQL databases **CASSANDRA, MongoDB.**
* Developed Scripts with windows **PowerShell** to automatically configure network.
* Used **PowerShell** scripting for automation of deployments and for procuring Virtual Machines in Azure
* Install, configure, test, monitor, upgrade, and tune new and existing **PostgreSQL** databases.
* Experience with Azure API Management as a turnkey solution for publishing APIs to external and internal customers.
* Implemented AWS code pipeline and Created Cloud formation JSON templates in **Terraform** for infrastructure as code.
* Work in close collaboration with software development teams to shape the future roadmap and establish strong operational readiness across team.
* Installing, configuring, monitoring Apache Cassandra Prod, Dev and Test clusters.
* Developed **Ansible** Playbook for Automatic Deployment and Configuration of OpenShift in multiple environments.
* Configured **Jenkins** with **Git** and **SVN** for appropriate release builds. Scheduled automated nightly builds using Subversion. Maintained **Continuous Integration** effort with Subversion along with scheduled builds. **Cloned** the projects in **Jenkins** for the developers and generate the build and store it in the **Nexus** Artifactory.
* Create VMWare VM's for OpenShift and configuring with all the prerequisites resources for the OpenShift servers.
* Managed **Linux** staging and testing environments.
* Configured **CI** (Continuous Integration) tool for the automatic deployment of **WAR** or **EAR** files to required servers, including the shutting down of clusters, domains and services for a clean deployment and startup of new build. Created **Continuous Integration** and **Continuous Delivery Pipelines** for the build and deployment automation in place.
* Maintain and deploy the artifacts **UDeploy** release build and produce products for testing and use in production. Create and manage daily construction and UDeploy Hudson Heritage status.
* Well versed with kubectl, the command line tool for Kubernetes.
* Responsible for build and deployment automation using Docker container for each application tier**,** Vagrantto run a VM with folder sync and port forwarding **and Chef** used to bootstrap Docker Containers in AWS and Dev instances in production.
* **AWS**EC2/VPC/S3/Route53/IAM/Cloud Formation/ELB based infrastructure automation through **CHEF**, **Vagrant** and Bash Scripts.
* Worked on Managing the Private **Cloud Environment using CHEF.** Implemented **CHEF** to deploy the builds for Dev, QA and production. Automation of infrastructure by creating scripts of **CHEF.**
* Deployed a centralized log management system and integrated into **Chef** to be used by developers. Developed Cookbooks and recipes for automating deployments via **Chef**.
* Developed **CHEF Cookbooks** to install and configure **Apache, Tomcat**, **Jenkins**, **and Rundeck** and **deployment automation**.
* Deployed Java/J2EE applications on to **Apache Tomcat** application servers and configured it to host the wiki website.
* Introduced effective ways of communication and stream-lined use of **JIRA** Confluence and to maximize productivity and bring discipline between **Dev-QA** communication gaps.
* Active role in organizing documents such as **SCM** New User guides and **SCM** Verification.

**Environment:** JAVA/J2EE, ANT, Maven, Kubernetes, OpenShift, SVN, Chef, Linux/Unix, AWS, Shell/Perl Scripts, SCM, Git, Jenkins, Apache Tomcat, Docker, JIRA.

**Orion, Chicago, IL**

**Sr. DevOps/AWS Engineer Jan 2017 to March 2018**

**Responsibilities:**

* Responsible for maintaining 4-5 Different Testing/QA Environments and erection of the PROD Environment in AWS.
* Building massively scalable network-oriented software for the Elastic Load Balancing (**ELB**) service.
* Used EBS stores for persistent storage and performed access management using IAM service.
* Created monitors, alarms and notifications for EC2 hosts using CloudWatch.
* Enabling **GitHub WebHook** for polling **SCM** and **GitHub** pull request plugins and **Jenkins WebHook** plugin configuration.
* Worked on Apache Hadoop and used **Kafka** for messaging system and spark for processing large sets of data.
* Implemented utility to download **JSON** files from AWS S3 buckets to **MongoDB** design implemented REST web services which adhere to SOA (service-oriented Architecture)
* Experience in writing **Ansible** playbooks, defining roles and using Handlers. Worked with **Ansible** playbooks for orchestration, provisioning, configuration management and application development of **LAMP** stack.
* Customized **Ansible role** for automated deployments of the **Dynatrace Java Agent for Glassfish**
* Strong Experience on AWS platform and its dimensions of scalability including **VPC, EC2, ELB, S3,** and **EBS, ROUTE 53.** Designed, configured and deployed Azure Automation Scripts for a multitude of applications utilizing the Azure stack (Including Compute, Web & Mobile, Blobs, ADF, Resource Groups, HDInsight Clusters, Azure SQL, Cloud Services, and ARM), Services and Utilities focusing on automation Responsible for Development QA, UAT, STAGING, PRODUCTION Builds and Releases.
* Designed **AWS Cloud Formation** templates to create custom sized **VPC**, subnets, **NAT** to ensure successful deployment of Web applications and database templates.
* Setup and build AWS infrastructure various resources, **VPC EC2, S3, IAM, EBS**, Security Groups, **AutoScaling**, and **RDS** in **Cloud Formation JSON** templates.
* Contributed source code in **Golang** to developing automation framework for **AWS CFN.**
* Working in implementation team to build and engineer servers for Linux &**AIX** operating systems.
* Configured **Cloudbees** Enterprise Jenkins instance to help utilize resources effectively and provide self-service to user base as much as possible
* Developed **shell scripts** for automation of the build and release process, developed Custom Scripts to monitor repositories, Server storage.
* Created reproducible builds of the Kubernetes applications managed Kubernetes manifest files and managed releases of packages.
* Improved our CD/CI pipeline by integrating Jenkins with a Kubernetes cluster running on AWS.
* Well versed in DevOps practices for **Microservices** Architecture using Kubernetes as Orchestrator, which is used to orchestrate the deployment, scaling and management of Docker Containers.
* Working on AWS & Openstack cloud to provision new instances. S3 Storage Services. **AWSEC2**& Cloud watch services**. CI/CD pipeline management** through **Jenkins**.
* Integrate **Salesforce DX** into the **Jenkins** framework to automate testing of Salesforce applications against scratch orgs.
* Experience with static code analysis tools such as Contrast Assess (preferred), Coverity, CheckMarx.
* Used **CloudFront** to deliver content from AWS edge locations to users, allowing for further reduction of load on front-end servers and created the AWS Security groups to enable firewall.
* Used **AWS Bean Stalk** for deploying and scaling web applications and services developed with Java.
* Automated AWS volumes snapshot backups for enterprise using Lambda.  Created functions and assigned roles in **AWS Lambda** to run python scripts.
* Created self-service, auto-provisioning, and auto-scaling environments using VMware **vRealize** Orchestrator and RedHat Enterprise **OpenStack Cloud Forms** with **OpenShift**, and **Ansible** open source software.
* Administration and maintenance of **Docker** runtime environment, Versioning and lifecycle management of **Docker Images**, Experienced in Docker orchestration framework.
* Exposure to **Mesos Marathon** & **Zookeeper** cluster environment for application deployments and **Docker Containers**.
* Integrated OpenShift cloud platform with Continuous Integration, Continuous Delivery, and Continuous Deployment tools like Jenkins, GIT SCM, Udeploy.
* Used **Kubernetes** to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts. Worked closely with development teams and performance test engineers for EC2 size optimization and Docker build containers.
* Use **Puppet** Automation tool for configuration management in different systems.
* Installed/Configured/Managed **Puppet Master/Agent**. Wrote custom Modules and Manifests, downloaded pre-written modules from **puppet-forge**. Upgradation or Migration of Puppet Community and Enterprise.
* Created and updated **Puppet** manifests and modules, files, and packages stored in the GIT repository. Using puppet for automation of application such as T**omcat, Apache and WebLogic**.
* Manage deployment automation using Puppet, Roles, Profiles, MCollective, Hiera, and **Custom Puppet modules**, Ruby and did provisioning & configuring local Vagrant machines for developers with puppet.
* Done installation, configuration and maintained the CI/CD tools **Jenkins** and **Ansible**.
* Implement monitoring solutions **(Nagios, Zabbix)** to monitor health of systems and generate proactive alerts for systems entering a degraded state.
* Hands on experience in monitoring EC2 instances using **Nagios** and configured **Nagios to monitor EC2 Linux instances** with **puppet automation**.
* Used Puppet to deploy **ELK** for automating continuous deployment (CD) and configured Slave Nodes and deployment failure reporting.
* Designing and implementing CI (Continuous Integration) system: configuring **Jenkins** servers, Jenkins nodes, creating required scripts (Perl & Python), and creating/configuring VMs (Windows/Linux).
* Experience in Client-Side and Other **Node.js** frameworks using a variety of full stack MVC frameworks. Proficiency in RESTful APIs and API communications.
* Experience in using **Nagios** for monitoring the infrastructure and improving the performance of servers.
* Querying and reporting from **Elastic Search/Kibana, Splunk** and **MySQL.**
* Worked on **JIRA** installation and upgrade and Performed **JIRA** configuration.

**Environment:** AWS (EC2, VPC, ELB, S3, RDS, SNS, SQS Cloud watch and Route 53), GIT, Maven, Ant, Jenkins, Puppet, Ansible, Docker, Nagios, ELK, Splunk, Jira, Unix/Linux, Shell scripting, Ruby.

**Cargill, Hopkins, MN**

**DevOps Engineer July 2015 – December 2016**

**Responsibilities:**

* Assist with maintaining current build systems, developed build scripts, and maintained the source control system.
* Collaborated with Development and Support teams to setup a Continuous Delivery environment with the use of **Jenkins**, continuous build and delivery tools.
* Worked on **Tomcat** application server for hosting web apps. Experience in writing **Ansible** scripts.
* Setting up servers through using UNIX for deployment or other uses for application, Responsible for CI environments (**Jenkins**)
* Developed build and deployment scripts using **ANT and MAVEN** as build tools in **Jenkins** to move from one environment to other environments and also create new jobs and branches through Jenkins.
* Managed **Chef Cookbooks** to automate system operations.
* Enforced automation in build and deployment procedures, executed code builds and deployment activities.
* Responsible for design and maintenance of the **Subversion/GIT** Repositories, views, and the access control strategies. Responsible for design and maintenance of the **Subversion (SVN) Repositories.**
* Managed the source codes repository of multiple development applications using **SVN.**
* Expertise in API automation Frameworks & **Selenium Web Drivers/Cucumber/Maven/Rest Assured**
* Verifying the Correct Binaries before releasing to production environment.
* Coordinated application release with developer, DBA, QA and project management teams.
* Integrated Jenkins with various DevOps tools such as Nexus, Sonarqube, and Puppet.
* Created Branches, Labels and performed Merges in Stash and **GIT.**
* Developing the custom modules to extends the functionalities using **Node.js** also understanding of NPM (Node Package Manager) a command line utility for installing the **Node.js** package
* Developed Processes, Tools, Automation for Jenkins based Software for Build system and delivering SW Builds.
* Managed Build results in Jenkins and Deployed using workflows.
* Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
* Configured **JIRA** workflows according to the needs to the CM team and integrated the project management features of **JIRA** with the build and release process

**Environment:** TFS, Clear Case, SVN, Jenkins, Azure, Nexus, Sonar, Eclipse 3.20, Ant, Maven Web Sphere Application Server (WAS), Web Logic, UNIX, UCM, Chef, Puppet, Quality Center, Oracle 10g,Visual Build, Hudson, ANT, J2EE

**Tractor Supply Company, Nashville, TN**

**DevOps Engineer January 2014 to June 2015**

**Responsibilities:**

* Installed and Deployed RedHat Enterprise Linux 6.5, CentOS and installation of packages and patches for RedHat Linux Servers.
* Involved in troubleshooting of RedHat Linux server issues and hardware issues and replacements.
* Designed and developed Web forms using ASP.NET controls, CSS and HTML to facilitate the registered users.
* Performed deployment Automation using multiple tools such as Jenkins, Chef and Git.
* Modified existing Maven files in case of errors or changes in project requirements.
* Implemented Maven script-based jobs in Jenkins and Worked with Jenkins Pipelines.
* Managed Maven project dependencies by creating parent-child relationships between projects.
* Configured Jenkins to implement nightly builds on daily basis and generated change log that includes changes
* Configured various jobs in Jenkins for deployment of Java based applications and running test suites.
* Automated the deployment process by writing Python scripts in Jenkins.
* Developed configuration hire data, node classifications, external node classifiers and parameterization for Puppet modules.
* Responsible for managing Cron jobs on production servers.
* Integration implementation of Jenkins, uDeploy and JIRA for DevOps automation.

**Environment:** GIT, Maven, Jenkins, Puppet, chef, Jira, uDeploy, Cassandra DB, WebLogic, Ruby, Nexus, RedHat, CentOS, Linux, .NET.

**Innovative Technologies, India**

**DevOps & AWS Engineer July 2012 to November 2013**

**Responsibilities:**

* Implementing new projects builds framework using **Jenkins & maven** as build framework tools
* Implementing a **Continuous Delivery** framework using **Jenkins, CHEF, Maven** in **Linux environment**
* Written wrapper scripts to automate deployment of cookbooks on nodes and running the chef client on them in a **Chef-Solo** environment, **AWS** server provisioning using **Chef** Recipes.
* Converting production support scripts to chef recipes.
* Setting up client server model of Chef in development environment of OCI
* Maintaining Continuous Integration and Continuous Development for the facilitation of Agile Development.
* Worked on documentation - Chef Basics, Initial setup of Chef, Databags implementation, Coding standards, Cookbook document, testing docs.
* Used **Docker** Micro service to make the tasks easier.
* Used the Docker to setup local development environments exactly like live server.
* Using **Cloud Trail**, **TESSA**, **Cloud Passage**, **Check Marx**, **Qualys Scan** tools for AWS security and scanning.
* Created monitors, alarms and notifications for **EC2** hosts using Cloud Watch. Defining Release Process & Policy for projects early in SDLC.
* Coordinating with Different Project teams on Build & **release planning** and efforts.
* Responsible for **nightly and weekly builds** for different modules. Setting up cloud based environment to automate deployment.
* Member of **CCM** representing changes for Release and **environment configuration**
* Responsible for **configuring management** of different application layer modules.
* Responsible for **Database build, release and configuration.**
* Perform **Deployment** of Release to various **QA & UAT in Linux environments**.
* Work with different team members for **automation** of Release components.
* Supporting different projects build & Release SCM effort e.g. branching, tagging, merge etc.

**Environment:** CHEF, Jenkins, Maven, AWS, EC2, Jira, Linux, AWS.