**Suresh Kumar**

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**Cloud Devops Engineer || App dynamics Engineer||Devops Automation Engineer|| Build and Release Engineer**

**Professional Summary**:

* Overall **8+ Years**’ Experience in **Build and Release** (Installation**, Configuration, Tuning and Upgrades of Linux** Red Hat and Oracle).
* Designed, configured, and managed public/private cloud infrastructures utilizing Amazon Web Services including **EC2,** Auto-Scaling in launching **EC2 instances, Elastic Load Balancer, Elastic Beanstalk, S3, Glacier, Cloud Front, RDS, VPC, Direct Connect, Route53, Cloud Watch, Cloud Formation, IAM, SNS, Terraform.**
* Experience in using version controller tools like **GIT, TFS**.
* Extensively worked on **team city and Jenkins** for continuous integration for End-to-End automation for all Build and deployments.
* Worked on setting up the **life cycle policies to back the data from AWS S3 to AWS Glacier**
* Experience with Red hat Linux, configuration management using **Ansible,** and **Octopus deploy.**
* Support as part of Devops team to help deployment using **Jenkins and Team city.**
* Experience on **java scripts** for **Templates** and **Node.js** applications and writing many **Cron-jobs using shell-script** for automation.
* Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as **Amazon Web Services (AWS**).
* Experienced with RESTful APIs of Elastic Search to analyses, search and visualize real-time data
* Ability in development and execution of **XML and Shell Scripts**.
* Have experience on **Bash Scripting** in various projects for automating tasks.
* Experienced in branching, tagging, and maintaining the version across the environments using SCM tools like **GIT** and **TFS** on Linux and windows platforms.
* Extensively experienced in using Build Automation tools like **Maven**, and **Visual Studio** working knowledge on other build tools like make file.
* Experience in integrating cloud services in to **Devops framework** (GitHub, Jenkins, Ansible) which enables **API request** to provision and configure infrastructure through infrastructure as code capability.
* Great practical experience implementing and enhancing the end-to-end workflow of Continuous Integration **(Jenkins, Team city)** Continuous Delivery and Continuous Deployment process for an organization.
* Experience working with **AWS** Simple calculator to estimate pricing for corporate proposals Implemented and maintained **SQS (Simple Queue Services), SNS (Simple Notification Services) and SES (Simple E-mail Services)** for messaging purpose using AWS.
* Experience in using Bug tracking tools like **JIRA**.
* Installed and configured an automated tool **Ansible** and **octopus deploy** that included the installation and configuration of the master, agent nodes and an admin control workstation.
* Successfully automated processes to support **continuous software deployments**.
* Strong hands-on Experience with scripting languages like **Python, bash.**
* Designed project workflows/pipelines with **Continuous Integration** tools like **Jenkins, team city**.
* Involved **in provisioning and Automation servers on Public Cloud like AWS, Docker.**
* Well versed in managing source code repositories like **Git, GitHub, TFS, bit bucket.**
* Expertise in various Amazon services like **EC2, VPC, ELB, EBS, EFS, Volumes and Snapshots.**
* Demonstrated ability in installation, configuration, and management of provision tools **Ansible**

**Technical Skills:**

|  |  |
| --- | --- |
| **Build Tools** | Maven, Gradle, MS Build |
| **Programming / Scripting Languages** | JAVA, .NET, Angular.js, Angular, Bash scripting, Python, PowerShell |
| **Server** | Apache, Tomcat, MS-IIS |
| **Release/Project Management** | Microsoft Release management Server |
| **Issue Tracking/Monitoring** | JIRA, Service Now, Cloud Watch, Grafana |
| **Configuration Management Tools** | Ansible, Octopus Deploy |
| **Database** | My SQL, PostgreSQL |
| **Version Control System** | GIT, GITHUB, TFS, Bit bucket, AzureDevops |
| **CI Tools** | Jenkins, Team city |
| **Operating System** | Windows Variants, Linux, Mac OS. |

#### EDUCATION:

* **Bachelor of Technology in Electrical and Electronics Engineering from JNTU, 2013, Hyderabad, INDIA.**
* **Master of Science in Information Technology from San Francisco Bay University, 2016, Fremont, California.**

**Professional Experience**:

**Client**: **National Science Foundation, Alexandria, VA Start Date: Aug 2021 – Present**

**Role**: **Devops Engineer**

**Responsibilities:**

* Creating multiple **Jenkins Pipelines** using **JobDsl and Groovy** script.
* Writing many **Terraform templates** for **Ec2 autoscaling groups, Lambda Function, IAM Roles, Policies, Elastic Beanstalk, Security groups.**
* Created **Elastic Beanstalk** for aws ec2 servers for multiple environments to deploy java applications for developers using **Terraform** templates.
* Created Automation to create infrastructure for **Kafka clusters** different instances as per components in cluster using Terraform **templates** for creating multiple EC2 instances & attaching ephemeral or EBS volumes as per instance type in different availability zones & multiple regions in AWS.
* Experience in Using **Terraform** to automate the provisioning of **AWS** **resources** **like IAM, EC2, S3, Route 53, SNS, RDS, ELB and Auto Scaling** and make calls to **Ansible** **scripts** that **provisioning** / **configuration** of servers on the instances.
* Using **Terraform** we customized our **infrastructure** in AWS configuration dashboard using aws resources.
* Writing **JTE libraries** for **maven, bitbucket, nexus, SonarQube, helm charts** for Jenkins configuration.
* Administered user accounts and profiles and performed test planning and test activities for **Spring Boot** application.
* Writing Multiple **PowerShell scripts to automate deployments for MySQL database and Windows patching.**
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins** along with **JTE Libraries** to automate routine jobs.
* Involved in building, testing, supporting, and determining **Spring boot** Applications.
* Worked on **selenium** test cases to troubleshoot multiple issues on Jenkins box.
* Worked on **AppDynamics Agents** installation using **helm charts** and created many **applications, Licenses, Business Transactions.**
* **Created many Docker files** to pack multiple java application and deployed using **helm charts on Eks cluster**.
* Implement **REST classes using Spring Boot** Rest Application and SOAP webservices for external applications.
* Worked on helm charts to deploy **application pods** on aws EKS cluster using Jenkins pipeline.
* Troubleshooting **kubernetes** issues when pods deployments failing.
* Rollback to previous version when kubernetes pods failed.
* Writing **helm chats** to install AppDynamics agents for java applications monitoring.
* Writing **Python boto3** for serverless lambda functions to integrate with eks cluster tags, subnets.
* Writing **Python** script to **validate CloudFormation template with cfn-guard** rules.
* Writing Python script Using **Boto3 SDK** for creating, updating, Deleting aws eks resource for tags, control panel and version change.
* Using **CloudFormation** templates created **EKS cluster** and joined multiple nodes with autoscaling groups and managed through codepipeline.
* Using **EKS** managed **multiple nodes and pods** from dev to prod environments.
* Deployed and managed huge number of clusters on AWS platform and on-prem to automated multiple tasks **using Cloud Formation Templates**.
* Created and deployed **Lambda** Serverless Application model with **code pipeline** for Java **spring boot** application for multiple environments.
* Using **Prisma scan** to check vulnerabilities for docker images based on that moved forward or block the image.

**Environment: RHEL Servers, Atlassian Jira, Python, Shell, groovy, CloudFormation, AWS, PowerShell.**

**Client**: **AgFirst, Columbia, SC Start Date: Sep 2020 – June 2021**

**Role**: **Devops Engineer**

**Responsibilities:**

* Worked development team to automate applications using Azure Devops end to end.
* Created ansible playbooks and json files for f5 load balancer certs, profiles.
* Created many repos to help developers for **TFS and Azure Git** multiple release branches for their practices to finalize the code.
* Conceived, Designed, Installed and Implemented **CI/ CD automation system.**
* Created and updated **PowerShell and shell** scripts and modules, files, and packages.
* Build the environments like development, testing, production, and disaster recovery based on client requirements using specialized skills of products like Terraform, Azure Devops.
* Worked on **Cloud Optimization** to reduce the cost of the application as per the recommendations.
* Worked on updating the billing tags and enterprise tags to the legacy subscriptions.
* Worked on **IAM giving access/ permissions** to the legacy subscriptions, resource groups, Storage accounts, blob storages, load balancer and service principals.
* Worked on granting the Access/Permissions to the Azure Data Factory.
* Worked on monitoring **VM’S and providing access to those Vm’s** ensuring each virtual network has network **security groups** attached to it.
* Worked on **Azure cloud** health portal to monitor the Azure app services.
* Migrate On-Premises applications to **Azure cloud** provider.
* Migrate the Modernization and Self Migrate Applications to Cloud.
* Support **Application Team** to setup the infrastructure.
* Design and implement continuous deployments through automation using specialized skills and

technologies tools like **Terraform, Azure Devops**.

* Data Ingestion to one or more **Azure Services** – (Azure Data Lake, Azure Storage, Azure SQL, Azure DW).
* Worked on creation of subnets on production and non-production environments with attaching billing tags to it.
* Worked on Creating **ASG** (Application Security Group) and attaching to the VM’s. Writing Inbound/Outbound ASG’s with ports in Visual studio code and merging to the portal.
* Worked on **Azure Data factory** via PowerShell and creating the resources and deployments within the portal.
* Installed **Docker Registry** for local upload and download of Docker images and even from Nexus Repo.
* Involved in Installing and configuring **GIT** distributed version control tool, written pre-commit, post-commit, post-receive hooks in GIT and responsible for merging, tagging and conflict resolution in GIT.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming

Conventions using **GIT, SVN** source control.

* Configured **Jenkins** with maven build tool in generating war files and archived them.
* Configured local **Maven** repositories with Nexus repositories and scheduled projects in Jenkins for

Continuous integration.

* Implemented and maintained **Ansible Configuration** management spanning several environments in VMware and the Azure cloud.

**Environment: Windows and Linux Servers, Atlassian Jira, PowerShell, AWS, Azure.**

**Client**: **LPL Financial, Fort mill, SC Start Date: Jan 2020 – Aug 2020**

**Role**: **Devops Engineer**

**Responsibilities:**

* Using Docker file packed **Angular, Java projects** **instrumented non-instrumented** code and created images pushing to Nexus for **on-prem** and **Ecr** for Aws Environments.
* Using **Eks** managed **multiple nodes and pods** from dev to prod environments for 77 applications.
* Deployed and managed huge number of clusters on Aws platform and on-prem to automated multiple tasks **using terraform templates**.
* Automated **SQL** deployments end to end using team city and octopus deploy.
* Worked on **Sea lights implementation** coverage tool for each build from end to end for angular.js and angular projects up to version 10. Modified/added plugins to their karma file, Package.jSon and Nuspec file.
* Using Docker file packed **Angular, Java projects** **instrumented non-instrumented** code and created images pushing to Jfrog artifactory for **on-prem** and **ECR repo** on.
* Created Automation to create infrastructure for **Kafka clusters** different instances as per components in cluster using **Terraform** for creating multiple EC2 instances & attaching ephemeral or EBS volumes as per instance type in different availability zones & multiple regions in AWS.
* Experience in Using **Terraform** to wrote CloudFormation scripts automate the provisioning of **AWS** **resources** **like IAM, EC2, S3, Route 53, SNS, RDS, ELB and Auto Scaling** and make calls to **Puppet** **scripts** that **provisioning** / **configuration** of servers on the instances. Using **terraform** we had customized our **infrastructure** in Aws configuration dashboard using aws resources.
* Configuration management and deployments using **octopus Deploy** with understanding of **roles, Templates for multiple applications** and **Playbook’s** process etc. and writing **Terraform templates** for creating environments and pushed them onto **target Servers** for configuring **EC2** **instances**.
* Used **Terraform** and did **Infrastructure** **as** **code** and modifying **terraform** **scripts** as and when configuration changes happen.
* Involved in Devops migration/automation processes for build and deploy systems.
* Designed and Developed **Teamcity** Build deployments on Docker containers.
* Setup **Teamcity** tool to integrate the **JAVA**, **Angular** **.Net** projects and maintained **Teamcity** with build continuous integration and deployment.
* Built a new CI pipeline testing and deployment automation with **Docker, Teamcity** and **Octopus Deploy**.
* Created **branches, performed merges** in version control systems **TFS**.
* Automated setting up server infrastructure for the Devops services, using **Octopus Deploy, PowerShell scripts.**
* Writing multiple **python templates** and scripts for code test and database deployments for created and fetching the data**.**
* Monitoring using cloud watch, Elk stack for logs and troubleshooting based on dashboard status.
* Administered and Engineered **Teamcity** for managing weekly Build, Test and Deploy chain, **SVN/GIT** with **Dev/Test/Prod** Branching Model for weekly releases.
* Involved in the troubleshooting the servers.
* Worked on **ServiceNow** tickets for build and deployment issue.
* Qapull ticket requests to approve for RADTrue projects for ADS testing from end to end.

**Environment: Windows Servers, Atlassian Jira, IIS Administration, PowerShell, shell, AWS, Azure.**

**Client**: **Charter communications, Denver, CO Start Date: May 2019 – Jan 2020**

**Role**: **Devops Engineer**

**Responsibilities:**

* Designed and developed CI/CD pipeline integrating GIT Lab and Ansible across geographically separated hosting zones in AWS.
* Implemented AWS Code Pipeline and Created Cloud formation JSON templates in Terraform for infrastructure as code.
* Worked on AWS services like **EC2, S3, RDS, ELB, EBS, VPC, Route53, and Auto scaling groups, Cloud Watch, Cloud Front,** and IAM for installing configuring and troubleshooting on various Amazon images for server migration from physical into cloud.
* Using Terraform creating **Dev, QA. Uat, Prod** environments.
* Integrated Kubernetes with network, storage, and security to provide comprehensive infrastructure and orchestrated container across multiple hosts.
* Created **Docker images using a Docker file**.
* Worked on Docker container snapshots, removing images and managing Docker volumes and experienced with Docker container service.
* Experience in configuring Nginx ingress **load balancer on a Kubernetes cluster**.
* Kubernetes is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Jenkins CI/CD Pipeline Integration on top of **Aws** using Containers to deploy **multiple environments**.
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes on **AWS**.
* Configured and managed **Elastic Load Balancing (ELB)** to implement fault tolerance and avoid single point of failure of applications, thus providing high reliability and efficient usage.
* Setting up Role based provisioning and role-based access in Tivoli identity manager.
* Used F5 Big IP for load balancing.
* Involved in prod release activities, deployments, and documentation.
* Handling application deployments into **DEV, Test,** Performance and **Production** Environments.
* Writing PowerShell scripts to automate APPPools and IIS configuration.
* Validating the API calls using **the POSTMAN**.
* Experience in finding the Memory Leaks and adjusting the JVM Heap Sizes and Garbage Collector Parameters during performance monitoring and performance tuning of WebLogic.
* Involved in SCRUM meetings (stand-up, grooming, planning, demo/review, and retrospective) with the teams to ensure successful project forecasting and realistic commitments.

**Environment: AWS, Docker, Kubernetes, Ansible, Jenkins, shell, Python, Git Bash, WebLogic, JBoss, Active Directory.**

**Client**: **LPL Financial, Fort mill, SC Start Date: Sep 2018 – April 2019**

**Role**: **Devops Engineer**

**Responsibilities:**

* Worked with an agile development team to deliver an end-to-end continuous integration/continuous delivery product in an open-source environment using **Octopus Deploy** and **team city** to get the job done.
* Used the continuous Integration tools such as **team city** for automating the build processes.
* Conceived, Designed, Installed and Implemented **CI/ CD automation system.**
* Created and updated **PowerShell** scripts and modules, files, and packages.
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using Jenkins along with **PowerShell** to automate routine jobs.
* Involved in Devops migration/automation processes for build and deploy systems.
* Designed, configured, and managed public/private cloud infrastructures utilizing Amazon Web Services **(AWS)** including **EC2,** Auto-Scaling in launching **EC2 instances.**
* As a part of Greenfield Implementation improved the functionality of the code to enhance the performance of an application.
* Upgrading the codebase to expand the working set of functionalities across the board as part of Greenfield implementation.
* Implemented **CI and CD** for database using **team city and Octopus Deploy**.
* Installed **Docker** Registry for local upload and download of **Docker** images and even from **Nexus Repo**.
* **Managed Docker orchestration** using **Kubernetes**.
* Designed and Developed **team city** Build deployments on Docker containers.
* Setup **team city** tool to integrate the **JAVA** and **.Net** projects and maintained **team city** with continuous integration and deployment.
* Designing and developing new back-end services, maintaining, and expanding our **AWS infrastructure**, and providing mentorship to others on my team.
* Develop/capture/document architectural best practices for building systems on AWS.
* Working with technical and non-technical teams across **Amazon (AWS).**
* Automated the build and release management process including monitoring changes between releases.
* Developed Scripts for **AWS** Orchestration
* Built a new CI pipeline testing and deployment automation with **Docker, team city** and **Octopus Deploy**.
* Created **branches, performed merges** in version control systems **VSTS**.
* Automated setting up server infrastructure for the Devops services, using **Octopus Deploy, PowerShell scripts.**
* Troubleshot switch to server and back to the secure Cloud connection.
* Administered and Engineered **team city** for managing weekly Build, Test and Deploy chain, **SVN/GIT** with Dev/Test/Prod Branching Model for weekly releases.
* Involved in the troubleshooting the servers.

**Environment: windows servers, Aws, Atlassian Jira, Terraform, Docker, Kubernetes, IIS Administration, Bash.**

**Client**: **Wells Fargo, Charlotte Start Date: Oct 2017 – Sep 2018**

**Role**: **Devops/AppDynamics**

**Responsibilities:**

* Setting up and maintenance of On-premises **AppDynamics Controller**, EUM and Event Services.
* Implementing and Configuring **AppDynamics APM tool** for various .Net and Java applications.
* Creating **Tier/Nodes,** Applications Custom Dashboards.
* Created best practices for branching & Merging Strategy to maintain the source code in the Git Version Control Systems.
* Administered the automatic build process to ensure correct build execution and resolved the build issues.
* Worked with the development teams to resolve the build failures.
* Administered and managed Artifactory Repository.
* We migrated all applications to Aws using **EC2 servers** and **Lambda** functions.
* Gather Monitoring requirements from application owners AppDynamics.
* Creating Separate Metrics Dashboards for each team and provide read write permissions.
* Creating LDAP Groups, Users and Providing dashboards permissions that team.
* To baseline all configurations in **Dev, non-prod, Uat and LE** environments before implementing to the AppDynamics to production.
* On-Boarding all Applications to **App dynamics** Controllers.
* Using JSON Templates we are creating all Tiers/Nodes Dashboards and importing to controllers.
* We are working for **525** Applications in each controller for our business purpose.
* I create policies for All applications to get email notifications for each team.
* Worked on **REST APIs** to get data and use AppDynamics for reporting.
* We used RESTful APIs of Elastic Search to analyses, search and visualize real-time data
* Develop/capture/document architectural best practices for building systems on AWS.
* Automated the build and release management process including monitoring changes between releases.
* To baseline all configurations in **Dev, Uat and Prod** environments before implementing to the AppDynamics to production.
* We Migrated dev applications to **Pte Controller** up to **525** Applications and created separate dashboards
* Handle issues with AppDynamics **controller, agents,** or configurations.
* Controller administrative activities like user management, application management, monitoring controller performance etc.

**Environment: Cloud AWS, JAVA, GIT, GITHUB, Apache Tomcat, PowerShell, Linux, Windows, Atlassian JIRA, Confluence.**

**Client**: **Nielsen Oldsmar, FL Start Date: Nov 2015 – Sep2017**

**Role: AWS Cloud Devops Engineer**

**Responsibilities:**

* Worked with an agile development team to deliver an end-to-end continuous integration/continuous delivery product in an open-source environment using **code Deploy, Code commit, Bit bucket, Code pipeline, Cloud Formation Templates, Lambda,** and **Jenkins** to get the job done.
* Managing a team of **Devops Engineer** for infrastructure support on **AWS cloud**. Creating Resources Using **Cloud Formation Templates** for hosting software on **AWS** cloud.
* Automated our **Kafka/Schema** registry clusters to add/incorporate SSL/TLS. Schema registry is a JAVA app and we added Nginx in front of it and enabled SSL
* I Worked on **EMR Clusters** for **Hive** for **Hadoop** Team installed zookeeper packages and their requirements installed and maintained.
* Created puppet automation with multiple modules as per component like **Kafka, Zookeepers, RDS (Postgre Sql and MySQL), registry to install & configure Ec2 instances to create/update Kafka cluster.**
* I Worked on **Cloud Formation Templates** to create any resource in **aws Server less templates** Followed tags and parameter files created make file for creating templates **to avoid manual process using shell scripts**.
* I Wrote many **.bat** and **.sh** files for windows platform.
* I Worked on **java scripts** for **Templates** and **Node.js** applications and writing many **Cron-jobs using shell-script, Python** for automation.
* **AWS EC2** and Cloud watch services CI/CD pipeline management through Jenkins. Automation of manual tasks using Shell scripting
* Used the continuous Integration tools such as **Jenkins** and Hudson for automating the build processes.
* We Used to Created Database Like **NoSQL** and provide access to developers and admin team to insert data.
* Storage on **AWS EBS, S3 and Glacier** and automate sync data to Glacier.
* Databases services on AWS like **RDS (**MySQL, PostgreSQL, oracle**), Dynamo DB, Cloud front, Elastic Beanstalk.**
* Worked with **Amazon IAM console** to create custom users and groups
* I Have Hands-on Experience on **IAM roles, Policies** access for aws resources
* I created **sns for Ec2 servers** to get notifications if it is shutdown, terminated or start
* We are using **sqs queues** for getting messages from another team.
* Extensively worked with Jenkins APIs to know various things like build status, count of builds, GIT commit version used by Jenkins builds etc. using **Groovy Script**
* I wrote **groovy script** for Jenkins pipelines build, deploy on multiple nodes for 80 servers.
* We used **certificate manager** for **transport layer security** in aws to manage and deploy.
* Worked on integrating GIT into the continuous Integration (CI) environment along with Jenkins. Written python scripts to containerize chef using Dockers and orchestrate it using Kubernetes. Configured the services using **modern Devops** tools like Ansible.
* Monitor all Aws instance through **Cloud watch check logs for debug the issues**
* I wrote scripts for automate test cases and jobs in servers and **cloud watch logs to s3 bucket.**
* I created **Cloud Watch** Events for Kinesis Stream.
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Using aws Recourses For **CI/CD Process code commit, code build, code deploy, Cloud Formation templates, Code pipeline**
* Design of Cloud architectures for customers looking to migrate or develop new PaaS, IaaS, on Amazon Web Services (AWS).
* Installed **Docker** Registry for local upload and download of **Docker** images and even from **Docker** hub.
* **Managed Docker orchestration** using Docker Swarm.
* Designed and Developed Bamboo Build deployments on Docker containers.
* Installed **Docker Registry** for local upload and download of **Docker images** and even from Docker hub.
* Configured the Chef-Repo, Setup multiple Chef Workstations
* Setup **Jenkins** tool to integrate the **JAVA** project and maintained **Jenkins** with continuous integration and deployment.
* Used **MAVEN** as build tools on Java projects for the development of build artifacts on the source code.
* Troubleshoot switch to server and back to the secure Cloud connection.
* Administered and Engineered **Jenkins** for managing weekly Build, Test and Deploy chain, **Bit bucket** with Dev/Test/Prod Branching Model for weekly releases.
* Involved in the troubleshooting the servers.

**Environment: Cloud AWS, Ansible, Docker, Apache Tomcat, JAVA, Subversion, GIT, GITHUB, Apache Maven, Jenkins, Shell Script, Python, Atlassian JIRA, Confluence.**

**Client**: **Sytel, Hyderabad, India Start Date: Sep 13 – June 15**

**Role**: **Build and Release Engineer**

**Responsibilities:**

* Design and document **CI/CD tools** configuration management.
* Responsible for orchestrating **CI/CD** processes by responding to **GIT** triggers, human input, and dependency chains and environment setup.
* Build and Deployment **CI/CD Pipelines**.
* Pager Duty to monitoring **CI/CD tools** and resolve critical issues proactively to manage uptime.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Involved in all projects that move to production and work closely with the Data Center, Development, **Quality Assurance and Management** teams to ensure cross communication and confirmed approval of all production changes
* Provided end-user training for all Subversion (**SVN**) users to effectively use the tool.
* Developed build and deployment scripts using **ANT and MAVEN** as build tools in **JENKINS** to move from one environment to other environments.
* Work with application development and operation teams using a variety of automated testing and build, and deploy tools (**MAVEN, Ant, Nexus, JENKINS, SVN, Selenium, JUNIT**) to resolve issues with transition to new Devops solution
* Performed Web logic Server administration tasks such as installing, configuring, monitoring and performance tuning on Linux Environment
* Deployment and management of many servers via script and **CHEF**, utilizing cloud providers as a direct Jira.
* Created repositories, branches, tags in GIT, assisted the developers to fix merging issues and Creating Local, Virtual Repositories in **Artifactory** for the project and release builds, repository management in Maven to share snapshots and releases of internal projects using **Jfrog Artifactory**.
* Worked able to create scripts for system administration and **AWS** using languages such as BASH and Python
* Built and Deployed **Java/J2EE** to a web application server in an **Agile** continuous integration environment and automated the whole process.
* Created and maintained the Shell/Perl deployment scripts for Web Logic web application servers.
* Developed Perl and shell scripts for automation of the build and release process.
* Involved in editing the existing ANT files in case of errors or changes in the project requirements.
* Designed a Configuration Management solution using Puppet
* Implement systems that are highly available, scalable, and self-healing on the **AWS** platform
* Mange builds and deployment using **MAVEN, JENKINS, SCM tools**
* Participated in configuring and monitoring distributed and multiple platform servers using Puppet. Used Puppet server and workstation to manage and configure nodes.
* Experience in managing virtual instances and disks using Puppet.
* Deployed Puppet, Puppet dashboard for configuration management to existing infrastructure
* Managed **MAVEN** project dependencies by creating parent-child relationships between projects.
* **JENKINS** is used as a continuous integration tool for automation of daily process.
* Managed Dependency Management within the teams by installing and configuring Nexus Repository Manager.
* Used JIRA to track issues and Change Management.
* Experience in designing, building, and maintaining an automated build and release environment
* Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and automated the whole process.

**Environment: Shell Scripting, JENKINS, Nagios, JIRA, Vagrant, Linux, Tomcat, MAVEN, Nexus.**