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**Professional Summary**

* DevOps Engineer **About 7 years** of IT Experience compromising of **Linux** and **System Administration** with a major focus on like AWS, **Azure, Configuration Management, Build, Deploy, Release Management, Quality Assurance and Monitoring**
* Expertise **AWS** Cloud Computing services , such as **EC2, EFS, S3, EBS, VPC, ELB, Route 53, SNS, ASG, Dynamo DB, NACL, Cloud Watch, Security Groups, Cloud Trail, IAM, Cloud Front, AWS Config, Snowball, EMR, Lambda, Terraform, RDS and Glacier.**
* Experience in Administration/Maintenance of Source Control Management Systems, such as **Sub Version (SVN)**, **GIT** and Knowledge of Clear Case.
* Hands on experience on Backup and restore **Azure services**. Designed and configured **Azure Virtual Networks** (VNets), Subnets, **Azure** network settings**, DHCP** address blocks, **DNS** settings, security policies and routing.
* Experience in **Azure IaaS, PaaS**, Provisioning VM’s, Virtual Hard disks, Virtual Networks, Deploying Web

Apps and creating Web-Jobs, **Azure Cosmos DB,** **Active Directory**, **Azure Windows Server**, Microsoft SQL

Server, **Microsoft Visual Studio**, **Windows PowerShell**, Cloud infrastructure.

* Good exposure in administering **version control systems** to create daily backups and Checkpoint files.
* Deployed Services in **AWS** Using **Terraform** in **DEV** **TEST** environments and managed them before **handover** to Operations for **PROD**.
* Expertise in integrating **Terraform** with **Ansible**, **Packer** to create and version the AWS Infrastructure,

designing, automating, and implementing of Amazon machine images across the AWS Cloud environment.

* Implemented high security standards using **HashiCorp Vault** for securing environments on -prem using multiple cloud environments.
* Installed HashiCorp **Consu**l from source starting it from scratch and making it a control center for detecting applications, api links and network configurations and helped remove complexity in installing large number of applications in the environment
* Experienced **DevOps Engineer** understands the melding of operations and development to quickly deliver code to customers.
* Experience in **working on version control systems** like GIT and used Source code management client tools like Git Bash, GitHub, Git GUI, and other command line applications
* Experience in **integrating Jenkins** with various tools like Maven (Build tool), Git (Repository), SonarQube (code verification), Nexus (Artifactory) and **implementing CI/CD automation** for creating Jenkins pipelines programmatically architecting Jenkins Clusters.
* Hands on experience in Installing and Administrating **CI tools** like **Hudson/Jenkins.**
* Expertise in using Build tools like **MAVEN** and **ANT** for the building of deployable Artifacts such as War & Ear from Source Code.
* In depth experience on **SaaS, PaaS and IaaS** concepts of cloud computing architecture and Implementation using **AWS.**
* Experience in database technology such as **Oracle, SQL, PLSQL, MySQL and PostgreSQL,** including **NoSQL** databases such as **Apache Cassandra, MongoDB, and Dynamo DB.**
* Managed and created Databases using RDS like **MySQL, No SQL, Dynamo DB, Aurora** etc.
* Involved in the functional usage and Deployment of Applications in **WebLogic**, **WebSphere** and **Apache Tomcat Server**.
* Experience in Urban code deployment (UCD) Used Shell/Perl scripts to automate the deployment process.
* Good understanding of the principles and best practices of **Software Configuration Management (SCM)** in **Agile**, Scrum, and **Waterfall methodologies**.
* Expertise in Querying RDBMS such as Oracle and MYSQL by using SQL for Data Integrity.
* Experience on Virtualization technologies like **VMware, Vagrant, Oracle Virtual Box, Microsoft virtual PC.**
* Experience with setting up Chef Infrastructure, bootstrapping nodes, creating, and uploading recipes, node convergence in **Chef SCM**. Experience in using **Chef** for server provisioning and infrastructure automation, release automation and deployment automation, Configure files, commands, and packages.
* Experience in Using **Ansible** to automate services for the Server’s in DEV and TEST environments.
* Experience using **Ansible Tower** dashboard, role-based access control, access to **Ansible** for deployments.
* Experience in **using Docker** including Docker Hub, Docker Engine, Docker images, Docker compose, Docker swarm, and Docker Registry and used containerization to make our applications platform to be consistent flexible when they are moved into different environments.
* Experience working on several **Docker** components like Docker Engine, Docker-Hub, Docker-Compose, Docker Registry and Docker Swarm.
* Experienced in using the **Docker** for virtualization, Ship, Run and Deploy the application securely to fasten the Build/Release Engineering.
* Experience on Deploying Docker containers in **Kubernetes** and Managing Pods and deployments on **Kubernetes** cluster. Setting up DevOps pipeline for solutions involving containers and orchestration.
* Experience with Pivotal Cloud Foundry, Kubernetes architecture and design, troubleshooting issues with platform components (**PCF**), and developing global or multi-regional deployment models and patterns for large-scale developments and deployments on Cloud Foundry, **OpenShift** and **Kubernetes**.
* Experience working with **Puppet** Enterprise and **puppet Open Source.**
* In-depth knowledge of computer applications and scripting like **Shell, Python, Ruby, Perl**, **PHP, JavaScript**.
* Used **Jenkins** as a Continuous Integration tool for Automation of daily process.
* Deployed **Puppet** for automated management of machine configurations.
* Exposure to all aspects of **Software Development Life Cycle** (SDLC) such as Analysis, Planning, Development, Testing, Implementation, Post-production analysis of the projects
* Good experience in converting builds .xml into pom.xml to build the applications using **MAVEN**.
* Work under **SLA** (Service Level Agreement) &Incident Management (Remedy) with increases Productivity, Scalability & Performance of application.
* Experience in system administration working on multiplatform **LINUX** (**Red hat, SUSE**), **UNIX** (Oracle Solaris 9/10) and windows server.
* Excellent knowledge of **Linux** including **RHEL**/**CentOS, Ubuntu, Debian** configuration and administration.
* Efficient in Tracing Complex Build problems, Releases issues and Environment issues in a Multi Component Environment.
* Expertise in Troubleshooting the problems generated while Building, Deploying and in Production Support.

**Technical Skills:**

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| --- | --- |
| **Operating systems** | Linux/Unix, Windows, and Mac |
| **Version Control tools** | subversion (SVN), Perforce, Jenkins/Hudson, Sonar, Jira, TFS, Confluence, Clear Case, GIT, GitHub |
| **Languages** | Shell, C, C#, chef, Power shell Scripting, Perl, Python, Ruby, PHP, Bash Scripting, YAML, and JSON |
| **Technologies** | Servlet, JSP, XML, HTML, CSS, JavaScript, and Web services |
| **Application Servers** | Apache, Tomcat, WebSphere, JBOSS, and WebLogic |
| **Methodologies** | Agile, Waterfall model, SDLC, Scrum |
| **Build Tools** | GRADLE, MS Build, Ant, Maven, Make |
| **CI Tools** | Jenkins, Hudson, Bamboo and Team city |
| **Configuration management tools** | Ansible, Chef and Puppet |
| **Cloud Computing** | AWS, Azure, OpenStack, GCP |
| **Monitoring Tools** | Nagios, Splunk, New-Relic, Grafana |
| **Containers** | Docker, Kubernetes |
| **Platforms** | Red hat Enterprise, Linux 4/5/6/7/8, Sun Solaris10/9/8/7, Windows NT/2008/2012/2016, Windows XP, Vista, Windows 7, Mac OS |
| **Database System** | SQL DBA, SQL Server 2000/2005, Oracle 9i/10g-PL, SQL, DB2, MS Access, Dynamo DB, Mango DB, Amazon aurora |

**Professional Experience:**

**Hawaiian airlines, Tempe, AZ Nov 19 - June 20**

**Aws platform Engineer**

**Responsibilities**:

* Expertise on Writing Templates for AWS **infrastructure as code using Terraform** to build staging and production environments and for deploying services **EC2, S3, EBS, VPC, ELB, Route 53, SNS** into AWS Environment.
* Working on Multiple **AWS instances**, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and implementing **high availability**.
* Created **Terraform Templates** to create custom-sized **VPC**, subnets, **EC2** instances, ELB, security groups. Managed other AWS Services like **S3,** **Cloud Front**, **Cloud Watch**, **RDS**, **Kinesis**, **Redshift Cluster**, **Route53**, **SNS,** SQS, Cloud Trail.
* Worked on **Terraform** for automating **VPCs**, **ELBs**, security groups, **SQS** queues, **S3** buckets, and continuing to replace the rest of our infrastructure.
* Implemented **Terraform** modules for deployment of applications across multiple cloud providers.
* Created **Lambda** functions to upload code and to check changes in **S3, Dynamo DB** table.
* Created **AWS Config Rules** on Different Aws Services to check for **Tags, EC2 instance types, ACM** Certificates and notify them Using **SNS** via Email.
* Created multiple VPC’s and **public/private** **subnets**, Route tables, Route Tables Security groups and Elastic Load Balancer. To grant granular permissions to specific AWS Users, Groups, and Roles created **IAM** policies.
* Wrote AWS **CloudFormation** templates to create custom-sized **VPC**, subnets, **EC2** instances, **ELB**, and security groups. Worked on tagging standard for proper identification and ownership of EC2 instances and other AWS Services like CloudFront, CloudWatch, **RDS**, **S3**, **Route53**, **SNS**, **SQS**, **Cloud Trail**.
* Creating an **AWS RDS MySQL DB** cluster and connected to the database through an Amazon RDS **MySQL** DB Instance using the Amazon RDS Console.
* Created **S3 buckets** to back up the files and customized it in **JSON** format and assign the policies who can access the files. For long term storage and archive files **Glacier** is used, worked with Amazon IAM console to create custom users and groups.
* Monitoring resources and Applications using **AWS Cloud Watch**, including creating alarms to monitor metrics such as **EBS, EC2, ELB, RDS, S3, SNS** and configured notifications for the alarms generated based on events defined.
* Worked with  **AWS** **API Gateway** to create **RESTful** API’s and manage resources on AWS for many services such as EC2, S3, VPC, Cloud Watch, ELB, Auto-scaling, created python script using AWS API Calls to manage all resources **deployed on AWS.**
* Created **Lambda** Functions for **AWS Custom Config Rules** involving Required Tags rule to check for missing tags on different Servers across All environments using **Python** Script.
* Managed and documented Security Configurations changes for setting up **Linux Password Policy Standards** on **RHEL 7/8** Servers.
* Good Knowledge in creating **Gold** and **Silver** **AMI** using **Packer** with the Help of AWS Command Line.
* Used **AWS Certificate manager** (**ACM**) to create and attach **SLS/TLS** certificate to increase server security.
* Developed procedures to unify streamline and automate applications development and deployment procedures with Linux container technology using **Docker swarm and Docker compose.**
* **Docker** Setup to automate container deployment through **Bamboo** and Dealt with Docker Hub, making Docker

Images and taking care of various Images essentially for middleware establishments.

* Used Docker for successful setup of Dev and Test environment for Developers and Testers by using

**Docker Build** and **Docker Compose**.

* Configured **Kubernetes Replication** controllers to allow multiple pods such as Jenkins master server in multiple

minions. Managed Kubernetes charts using **Helm**, managed **Kubernetes manifest** files and created reproducible

builds of the Kubernetes application.

* Involved in integrating Different AWS service metrics to be monitored in **Grafana.**
* Created many **Ansible Playbooks** for different Builds in DEV, TEST Environments according to the required services, certificates, configurations to be installed.
* Created **Ansible setup**, managing hosts file, **using YAML**, authoring various playbooks and custom modules with Ansible.
* Used **Ansible** and **Ansible Tower** as Configuration management tool, to automate repetitive tasks, quickly
* deploys critical applications, and proactively manages change.
* Written **Ansible Playbooks** with **Python SSH** as the Wrapper to Manage Configurations of **AWS Instances**

and Test Playbooks on Azure instances using **Python SDK** and Automated various infrastructure activities

like continuous deployment, application server setup, stack monitoring using **Ansible playbooks**.

* Worked with **MAVEN** as a build tools on java projects for the development of **build artifacts** on the source code. Maintained build related scripts developed in shell for Maven builds, created and modified build configuration files including POM.xml
* Managed **Git** repository, code merging, production deployments and analyzed and resolved conflicts related to merging of source code for Git.
* Configuring and managing **ELK stack**, setup the elastic search ELK Stack to collect search and analyze log files from across the servers and integration of Application with monitoring tool **New Relic** for complete insight and proactive monitoring.
* Responsible for **log monitoring, auditing** and enforcement of policies using **New Relic** Monitoring AWS Instances extensively.
* Installed Dependencies for **SElinux** like **pythoncoreutils** to implement different Linux commands

**Environment:** Aws, OpenStack, RHEL, Grafana, GITHUB, GIT GUI, Terraform, Ansible, Docker, NEW-RELIC, MAVEN, Bamboo, Python

**Well Care, Tampa, FL Apr 18 - Oct 19**

**DevOps Engineer**

**Responsibilities:**

* Designing, Planning, and creating **Azure virtual machines**, and managing virtual networking within Azure to connect into on-premises environments, and migration of on-premise to Windows Azure using Azure Site Recovery and Azure backups.
* Executed the automation from commit to deployment directly into **Azure VM** by implementing a **CI/CD** pipeline

with the help of Jenkins and Chef. Setting up **Chef Infra**, bootstrapping nodes, creating, and uploading

recipes, node convergence in **Chef SCM**.

* Setup and maintenance of automated environment using **Chef Recipes** & Cookbooks within azureenvironment.
* Configured **Azure Virtual Networks**, subnets, **DHCP** address blocks, Azure network settings, **DNS** settings,

security policies and routing. Also, deployed Azure **IaaS** virtual machines and Cloud services (PaaS role

instances) into secure Virtual Networks and **Subnets**.

* Created a **visual studio** solution to define Infrastructure as Code (**IaC**) using **Azure ARM templates**. Also Build,

deploy and migrate infrastructure to Azure utilizing ARM templates and some Terraform. Work with **VSTS** to

create all-inclusive **CI/CD** process.

* Provided technical direction to allow **Active Directory** on-Prem group to populate users. Setup of **Multi-Factor**

**Authentication** between the Azure and Ping Federated with AD on-prem passwords.

* Used **Azure Terraform** to deploy the infrastructure necessary to create development, test, and production

environments.

* Used **Terraform** to write **IAC** (Infrastructure as a code) to build Development and Production environment in **Azure Cloud**.
* Design and Implementation of **Azure Site Recovery** in both Disaster Recovery Scenario and for migrating the

workloads from **On-Premise** to Azure. Disaster Recover (DR) plan using Traffic Manager configuration.

* Responsible for supporting and maintaining **OpenStack** in a production environment. Troubleshooted lifecycle services within the **OpenStack** including log files, message queues, database, Compute hardware, and network connectivity.
* Automating the **OpenShift cluster** installation using Ansible playbooks**.**
* Created **Docker containers** leveraging existing Linux Containers and AMI's in addition to creating **Docker** containers from scratch.
* Member of team for migrating **Jenkin** CI/CD Pipeline to azure cloud environment.
* Configured and maintained **Jenkins** to implement the CI process for major releases and integrated the tool with Maven to schedule the builds.
* Worked in all areas of Jenkins setting up CI for new branches, build automation, plugin management and securing **Jenkins** and setting up master/slave configurations.
* Used Kubernetes to deploy scale, load balance, scale and manage **Docker containers** with multiple

namespace versions.

* Automated deployments, scaling, and operations of application containers across clusters of hosts, provided container-centric infrastructure by **Kubernetes.**
* Worked on writing the **Chef Recipes** for provisioning the **Azure VMs** using. Created the Azure storage accounts, **VNETs**, **Subnets**, assigned the public IP,
* Developed automation scripting in **Python** (core) using **Chef** to deploy and manage Java applications across **Linux** servers.
* Altered the security groups, **NICs** and Azure VMs for internal applications using Ansible playbooks.
* Created **Ansible** playbooks for different environments for release and converted Puppet scripts into the Ansible Playbooks.
* Responsible for the creation of scripts using **Ant, Python and Unix** by hosting on application servers.
* Experience working on **Terraform**, which is used to create and compose all the components necessary to run application.
* Profusely worked on **Version control tools like GIT**, Subversion to track changes made by different people in source code.
* Integrated **GIT** into **Jenkins** to automate the code check-out process. Defining Release Process & Policy for projects early in **SDLC**.
* Installing and administrating monitoring tools such as **Nagios.**
* Maintained **JIRA** for tracking and updating project defects and tasks.
* Handled multiple **Linux/CentOS** servers for application deployment and management.

**Environment**: Azure, Jenkins, Java/J2EE, MAVEN, Chef, Tomcat, Shell Scripts, XML, Rest API, ANT, UNIX, Windows 7, Nagios.

**Sprint Telecom, Kansas City, MO Feb 17 - Mar 18**

**Cloud DevOps Engineer**

**Responsibilities:**

* Supporting engineering plans and schedules by providing CM/Release Engineering services to build, deploy, develop scripts, oversee branch, and merge strategies, and build automated tools as necessary to offer services to engineering team.
* Design and develop **AWS** cloud infrastructure utilizing **Ansible** with **AWS CloudFormation** and **Jenkins** for

continuous integration with high availability and secure multi-zones and automated end-to-end transit hub

connectivity resource deployment in **AWS via Terraform**.

* Created **AWS S3 buckets**, performed folder management in each bucket, Managed cloud trail logs and objects within each bucket.
* Created alarms and trigger points in **Cloud Watch** based on thresholds and monitored the server's performance, CPU Utilization, disk usage and Utilized **AWS Cloud Watch** services to monitor environment for operational & performance metrics during load testing.
* Installed, Configured, and automated the Jenkins Build jobs for Continuous Integration and **AWS** Deployment pipelines using various plugins like **Jenkins EC2** plugin and **Jenkins Cloud Formation plugin**.
* Used **EC2** as virtual servers to host **Git, Jenkins** and converting manual procedures to dynamic API generated procedures.
* Created **EC2** instances in **VPC** and installed applications. Worked in Identity Access Management (IAM). Created

users, groups and assigned roles based on their duties.

* Created **NAT** instances in **AWS** and manage route tables, subnets and **NACLs**. Configuring of **Virtual**

**Private Cloud** (VPC) with networking of subnets containing servers.

* Created Bastion instances in private subnet to access the instances from public subnet.
* Created **NAT** instances to optimize traffic without using any load balancers and lowering.
* Written Templates for **AWS** infrastructure as a code using **Terraform** to build staging and production environments.
* Experience on **Python Boto3** framework and **CloudFormation** to automate AWS environment creation along with the ability to deployment on **AWS**, using build scripts (**AWS CLI**) and automate solutions using Shell and **Python**.
* Configuring **Hudson** for developers to bounce the application container, to get the application, container, and access logs by using **ANT scripts**.
* Used the continuous integration tool **Hudson** to automate the daily processes.
* 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 **Puppet**manifests and modules to automate system operations.
* Used **Puppet** forge to write modules and manifests for the installation of packages, running different services changing security configurations of files.
* Designed and implemented **Puppet** to configure, install, manage, and deploy releases across all environments.
* Managed and maintained ongoing changes to configuration in **Puppet**.
* Created and implemented custom Nagios monitoring and managed with **Puppet**.
* Migrating **J2EE** applications to **UNIX** and Windows environments by configuring application via IDE Eclipse, **Subversion**, and **Jenkins**.
* Worked in all areas of Jenkins setting up CI for new branches, build automation, plugin management and securing **Jenkins** and setting up master/slave configurations
* Update **Maven** scripts to use Artifactory repo instead of local repositories.
* Responsible for managing the code in **Subversion** (version controlling).
* Good Knowledge of container and cluster orchestration technologies, such as **Docker, Kubernetes, Terraform.**
* **JIRA** Administrated, maintained documentation, and provided training to the users.
* Created **SVN** Hooks which triggers builds in Jenkins for the legacy products.
* Integrating various Version control tools, build tools, nexus, and deployment methodologies (scripting) into **Jenkins** to create an end to end orchestration build cycles.
* Strong knowledge of **Sub Version (SVN)** and experience utilizing source control such as **GIT**, **Team forge** and knowledge of **Clear Case.**
* Developed production web and application service monitoring dashboards leveraging **PHP** (**AJAX**, **jQuery**, **Bootstrap**), helping to identify bottlenecks and improve reliability.
* Developed release engineer **dashboards** to monitor release versions across the various environments.
* By using **Atlassian suite** Configuration steps to get the integrations described above with **Bamboo** Administered subversion repositories.

**Environment:** Subversion, Hudson/Jenkins, Ant, Maven, GIT, PowerShell, Amazon web services, HA Proxy, Apache Tomcat, Web sphere, Java, stash 3.1 J2EE, Python, PHP Windows, Linux

**Blue Dart Express Ltd. Aug 14 – July 15**

**Build and Release engineer**

**Responsibilities:**

* Automated testing build and deployment by developing and maintaining the processes and associated scripts/tools.
* Development of Scheduled tasks and Bash scripts in **UNIX** and Perl to maintain and automate the Build process.
* Involved in Building and configuring **Red Hat** Linux Servers using Kickstart server as required for the project. Administered Bamboo servers which include install, upgrade, backup, adding users, creating plans, installing the local/remote agent, adding capabilities, performance tuning, troubleshooting issues, and maintenance.
* Configured and maintained the **Shell/Perl** deployment scripts for **Web logic** and **UNIX** servers. Analyzed the **Maven** Build projects for conversion.
* Employed **Puppets** to configure production and test infrastructure provisioned with **Apache**, **Nginx** and **MySQL.**
* Participated in the Release cycle of the product which involves environments like Development, **QA UAT** and Production.
* Written **Bash** shell scripts for getting information about various Linux servers and prepared **Ruby** codes, programming of web applications and testing services on daily basis.
* Used **Bugzilla** for bug tracking and reporting, also followed up with the development team to verify bug fixes, and update bug status.
* Converting the **ANT** Build projects to **Maven** Build projects. Experience in development of build scripts using Ant, Maven.
* Used combination of **Puppet Master**, R10K Wrapper, **Git Enterprise**, Open stack (Horizon), Vagrant and Simple UI(Jenkins) developed a puppet module for automation.

**Environment:** Red Hat**,** UNIX,Web logic,Puppet**,** Maven,ANT**,** Apache**,** Nginx,MySQL,Bugzilla,Shell/Perl,Ruby

**DHL Logistics Pvt. Ltd. Oct 13 - July 14**

**Linux administrator**

**Responsibilities:**

* Installed the latest patches for, on Red hat Linux servers, Configured and administered Send mail,

**Samba**, Squid servers in Linux environment

* Set up the Linux Cron jobs for automating various build related jobs and application data synchronization jobs.
* Responsible for building of **Linux OS** servers using kickstart automation application
* Configured Kickstart and Jumpstart servers to initiate installation of RedHat Linux and Solaris on several

machines at once.

* Updated previous **LDAP** tools to work with version of Ruby Rails.
* Involved in Installing, Configuring and Upgrading of **RedHat Linux AS 4/5, Solaris 9/10** operating systems.
* Performed automated installations of Operating System using kickstart for **Red Hat Enterprise Linux5/6** and

Jumpstart for **Solaris 9/10** Linux.

* Administered and supported distributions of Linux, including Linux Enterprise Desktop, **SUSE Linux** Enterprise

Server, **RedHat and Solaris**.

* Install, maintain, and upgrade Drupal and Word press on **LAMP** stack and Configured **LAMP** Stack on

Unix/Linux servers.

* Configured the **NIS, NIS+ and DNS on RedHat Linux 5.1** and update NIS maps and Organize the RHN

Satellite Servers in combination with RHN Proxy Server.

* Administered, maintained **RedHat 3.0, 4.0, 5.0, AS, ES**, Troubleshooting Hardware, Operating System

Application Network problems and performance issues and Deployed latest patches for, Linux and

Application servers, Performed **RedHat** Linux Kernel Tuning.

* Configured volume groups and logical volumes, extended logical volumes for file system growth needs using

**Logical Volume Manager** (LVM) commands.

* Regular Admin Tasks include building Linux servers for Production, Development and Test Environments and

supported the ones under production.

* Managed **TCP/IP** packets **DHCP** servers, resolved TCP/IP network access problems for the clients and

worked with various TCP/IP implementations like NFSv4, NIS, **DNS**, and **DHCP.**

* Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance

issues.

* Working with **Apache Web servers** and managing **JBOSS**, **Apache Tomcat** and **Web Sphere** Application

servers.

**Environmen**t: SVN, Jenkins, Java/J2EE, ANT, MAVEN, GIT, Jenkins, Chef, Perl Scripts, Shell Scripts, Sonar, UNIX, JIRA, apache webserver, WebSphere, Chef