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**PROFESSIONAL SUMMARY:**

* Professional experience of 6+ years in IT comprising Designing, Development, Integration of DevOps tools, Cloud Automation, Configuration Management, Provisioning, Build and Release, Continuous Integration/Deployment, Delivery management and Cloud Migration.
* Experience with emphasis in **DevOps methodologies** and focused on Automation of Build/ Deployment/ Environment Management areas by implementing **CI/CD pipelines** to help teams deliver better and reliable software into production environments.
* Working knowledge on Azure Fabric, Micro services, IoT & Docker containers in Azure.
* Embedded Experience in Authoring **Azure Resource Manager templates**, Experience in deploying Azure using **Agile** methodology, Configuring the **Azure Load Balancer** to Load balance incoming traffic to virtual machines.
* Working experience on various **Azure** services like **Compute** (Web Roles, Worker Roles), **Azure Websites**, **Caching**, **SQL Azure, NoSQL, Storage, Network services, Azure Active Directory, API Management, Scheduling, Auto Scaling,** and **PowerShell Automation.**
* Implemented **Azure** SQL Server for storing the data related to the recruitment and extensively worked on queries and stored procedures.
* Working knowledge on **Azure** cloud IaaS and PaaS Services, Azure SQL, Azure storage, and Azure Services.
* Design roles and groups using **Azure** Identity and Access Management (IAM).
* Production experience in large environments using configuration management tools like **Chef, Ansible and Puppet** supporting Chef Environment with 500+ servers and involved in developing manifests and developed Chef Cookbooks to manage system configuration.
* Automated the provisioning of servers through **RESTful API** calls using **Chef.** Experience with **Chef, Puppet** for Environment configuration and Application Deployments.
* Experience on automation tools like **Ansible** wherein I configured systems, deployed the software, and orchestrated tasks by writing **Ansible Playbooks.**
* Extensive experience on **AWS services** and its included components **EBL, EC2, S3, VPC, NACL’s, Cloud Trials, AMI, SNS, Cloud Formation, Route 53,** Network Connectivity troubleshooting, Hybrid Environments and VPC peering.
* Worked in an environment of **Amazon Web Services (AWS)** products gained good knowledge in **Elastic Cloud Computing, Simple Storage Services, Glacier, Block Storage, Elastic Beanstalk, Amazon Lambda, Virtual Private cloud, Load balancing, Relational Database Service, and Cloud Watch.**
* Wrote **Ansible Playbooks** with **Python** SSH as the Wrapper to Manage Configurations of **AWS** nodes and Tested Playbooks on **AWS** instances using Python.
* Expertise in **AWS** Serverless **Application** **Repository** to find an application and configured the application by setting environment variables, parameter values and then deployed the application to **Aws** account and managed it from the **Aws** **management** **Console**.
* Managing security groups on **AWS**, focusing on high-availability, fault tolerance, and auto-scaling using **Terraform** templates. Along with **Continuous** **Integration** and **Continuous** **Deployment** with **AWS** Lambda and **AWS** Code Pipeline.
* Experience working with **Amazon IAM** console for creating custom users and groups.
* Experience in deploying a web application into **AWS cloud** where in automated the configurations using **Terraform.**
* Set up and managed **ELK** (Elastic Search, Log Stash & Kibana) Stack to collect, search and analyze log files across servers, log monitoring and created geo-mapping visualizations using Kibana in integration with **AWS** **Cloud** **watch** and **Lambda**.
* Experience in working with the **ELK** (Elastic Search, Logstash, Kibana) stack & **Splunk** to analyze & visualize large volumes of log data obtained from servers.
* Worked on creating the modules driven **AWS** Infrastructure with **Terraform**. Created Infrastructure **Git** repositories for **Terraform** to launch the stacks.
* Analyzed various distributed file systems suitable for a cloud storage using a storage benchmark.
* Experience in merging, branching strategies, bug fixes and configuration of version control tools like **Subversion, GIT, Bitbucket and GitHub** for smooth release management into production environments.
* Tested a private storage cloud using **OpenStack SWIFT** software and worked as well with **OpenStack Multi-node installation,** **Configuration and Administration.**
* Experience working on several **Docker** components such as **Docker Engine, Machine, Creating Docker Images, Compose, Docker Hub** and handling multiple images primarily for middleware installations and domain configuration.
* Used **Kubernetes (K8s)** to orchestrate the deployment, scaling and management of **Docker Containers. Used Kubernetes** to manage containerized applications using its **nodes, Config Maps, Selector, Services,** and deployed application containers as Pods.
* Created Clusters using **Kubernetes** and worked on creating many pods, replication controllers, replica sets, services, deployments, labels, health checks and ingress by writing **Yaml files**. Used **Kubernetes** **to deploy scale, load balance and manage Docker containers with multiple names spaced versions.**
* Developed **Jenkins pipeline** using **Jenkins file and Docker file** to drive all microservices builds out to **Docker Hub** and then deployed to **Kubernetes, created pods**, and configured **Kubernetes Replication controller.**
* Integrated **Jenkins with Docker** container using Cloud bees Docker pipeline plugin and provisioned the EC2 instance using **Amazon EC2 plugin**.
* Experience in Continuous Integration methodologies using tools Jenkins/Hudson.
* Used **Jenkins API** to query the Jenkins server state and change configuration and automate tasks on nodes and jobs. Experience in monitoring tools such as Nagios, Splunk, ELK.
* Experience in managing the repository manager like **Nexus** for the **Maven builds.** Integrated **Maven with Jenkins** by which the Surefire test reports and Javadoc produced by Maven are captured and to build parallel modules for larger maven projects.
* Experience working with **Apache Sqoop** to transfer the data **between Amazon S3, RDBMS and Hadoop.**
* Experience in building the war and ear files from source code using **ANT** and **MAVEN**.
* Worked on **Build Automation Tools** such as **Ant** and **Maven.**
* Experience in supporting mission-critical developments to thousands of servers in numerous data centers using uDeploy.
* Experience in configuring automated application deployment processes through uDeploy (urban Deploy) and resolve any deployment problems.
* Worked with the version control tools such as **GIT, Subversion (SVN)** wherein experienced with tagging, branching on platforms like **Linux** and **Windows.**
* Created branches from within **JIRA** and **JIRA agile** by integrating the **Bitbucket** with **JIRA.**
* Worked on the scripting languages like **Shell (Bash), Python, Ruby and Perl** for automation.
* Experience in working with Network Protocols like **TCP, SMTP, DNS, HTTP, SNMP.**
* Experience with **Linux Administration**, Cloud Infrastructure management, Software Configuration Management.
* Worked in various environments like **QA, DEV, TEST, PROD, UAT** for various releases with designed strategies.
* Worked on web servers such as APACHE HTTP server, NGINX, Apache TOMCAT. Worked on application servers such as Oracle WebLogic 9.x/10.x, IBM WebSphere 6.x/7.x/8.x, JBOSS 4.1.
* Experience in using Virtual box for multiple operating systems on one desktop and cross platform guests and hosts including **Windows, Linux, and Solaris**.
* Expertise in **LINUX/UNIX** system builds, administration, Installations, Upgrades, Troubleshooting on different distributions such as **Ubuntu, CentOS, Red Hat, RHEL** 4.x/5.x/6.x

**Technical skills:**

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| --- | --- |
| Cloud Services | Amazon Web Services (AWS), Azure, OpenStack, Pivotal Cloud Foundry (PCF), Google Cloud Platform (GCP) |
| Virtualization | VMwareESX/ESXI, Windows Hyper-V, vSphere 5.x, Datacenter Virtualization, Power VM, Virtual Box, Citrix Xen, KVM. |
| Operating Systems | Red Hat Linux 4/5/6/7, CentOS, Fedora, SUSE LINUX, UNIX, Windows servers [2003, 2008, 2008 R2, 2012, 2012R2], Windows 2000/2003/XP/vista/7/8/10, Ubuntu 12/13/14, Sun Solaris 8/9/10/11, HP UX 10.x/11.x |
| Automation/configuration Tools | Chef, Puppet, Docker, Vagrant, Ansible, Jenkins, Hudson, Bamboo, Kickstart, Jumpstart, Azure CLI, Terraform, Kubernetes, ANT, Maven. |
| Web Servers | Apache Tomcat, JBOSS 4.x/5.x, Web Logic (8/9/10), WebSphere Apache 1.3.x, Apache 2.0.x, and ngnix, IIS |
| Database Technologies | DB2, SQL Server, MySQL, RDS, NoSQL- MongoDB, Cassandra DB, DynamoDB |
| Scripting languages | Ruby, Python, Perl, HTML5, PHP, Bash/shell Scripting, PowerShell Scripting YAML, JSON. |
| Networking/Protocol | FTP/SFTP, SMTP, TCP/IP, HTTP/HTTPS, NDS, DHCP, NFS, Cisco Routers, Juniper Routers |
| VersionControl Tools | GIT, Bitbucket, SVN (Subversion), CVS |

**Professional experience:**

**Client: Macy’s, Atlanta, GA Jan’2019 to Present**

**Role: Sr. DevOps Engineer/Cloud Engineer**

* Experience in Automating, Configuring, and deploying instances on **AWS** and **Azure** Cloud environments.
* Created **AWS cloud formation templates** to create **custom-sized VPC, subnets, EC2 instances, ELB, security groups**. Worked on tagging standards for proper identification and ownership of EC2 instances and other AWS Services like **Cloud Front, cloud watch, RDS, S3, Route53, SNS, SQS, Cloud Trail.**
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **AWS cloud watch.**
* Creating **Python** scripts to totally automate **AWS services** which **includes web servers, ELB, CloudFront distribution, database, EC2 and database security groups** and application configuration, this script creates stacks, single servers, or joins web servers to stacks.
* Implemented a production ready, load balanced, highly available, fault tolerant**, auto scaling Kubernetes AWS infrastructure** and microservice container orchestration.
* Delivered environment mapping in **AWS** that included Active Directory, LDAP, **AWS** IAM roles for **AWS** API Gateway platform. Executed Micro Services with **AWS** ECS Docker/Kubernetes for code building and packaging.
* Design, install, administer, and optimize hybrid cloud components to ensure business continuity (i.e. Azure AD, ADFS, SSO & VPN Gateways).
* Experience in **creating IAM policies** for administration in AWS to assist type applications and teams across local geographical and remote areas.
* Created artifact documents through the source code and internal deployment in Nexus repository. Implemented Disaster recovery project on **AWS** using various DevOps automation for **CI/CD**.
* Experienced in both framework and CloudFormation to automate **AWS** environment creation along with the ability to deploy on **AWS**, using build scripts (**AWS** CLI) and automate solutions using **Shell** and **Python**.
* Configured **EC2 instances** by writing **Terraform templates, Chef cookbooks, recipes** and pushed them on to **Chef server.**
* Integrated **AWS** with other systems like **Jenkins, Chef** and HP service Manager to **develop CI/CD pipelines** for automating Prod deployments using REST APIs.
* Managed the **AWS** Lambda Functions configuration information based on requirements and built lambda functions using **Node.js, Python and Java.**
* Worked on deploying **AWS** WAF (Web Application Firewall) as part of the CDN solution for the **ALB** (Application Load Balancer) that fronts the web server on **EC2** instances.
* Used **AWS Beanstalk** for deploying and scaling web applications and services developed with Java, PHP, Node.js, Python, Ruby and Docker on familiar servers like Apache.
* Deployed and configured Elasticsearch, Log stash and Kibana (ELK) for log analytics. Configure ELK stack in conjunction with **AWS** and using Log stash to output data to **AWS** S3.
* Used **Azure** App Insights for user activity & exception logging and used **Azure** Monitoring service (Activity Logs, Metrics, Diagnostics Data) for audit.
* Integrate and implement a complete cloud services framework (Iaas, Paas, and SaaS) and Cloud deployment.
* Integrated existing API's to **Azure** **API** management to get all the attributes like security, usage plans, throttling, analytics, monitoring, and alerts.
* Experience in Microsoft azure **cloud services (PAAS & IAAS),** storage, web apps and active directory.
* Worked directly with the **Azure** Product team in tracking and resolving defects in the **beta Azure** IaaS offering.
* Worked on **Chef** where I wrote code on workstations using Knife to interact with servers.
* Experience with setting up **Chef Infra, bootstrapping nodes,** creating and uploading recipes, node convergence in **Chef** SCM.
* Worked with **Chef** in implementing roles, data bags and **written Chef Cookbooks** for various packages.
* Experience in managing **Ansible Playbooks** with **Ansible roles**. Created inventory in Ansible for automating the continuous deployment.
* Extensively worked on **Ansible** to configure the servers, deploy software, and orchestrate continuous deployments or zero downtime rolling updates.
* Created **Ansible playbooks** to automatically install packages from a repository, to change the configuration of remotely configured machines and to deploy new builds.
* Worked with **Ansible** to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, and Packages. **Ansible** to assist in building automation policies.
* Automate the installation of **ELK** agent (file beat) with **Ansible playbook**.
* Building/Maintaining **Docker** container clusters managed by **Kubernetes Linux, Bash, GIT, Docker.**
* Created a Swarm using **Docker** CLI to deploy the services to a Swarm and managed the Swarm behavior.
* Integrated Automated Build with Deployment Pipeline. Currently installed **Chef Server** and clients to pick up the Build from **Jenkins** repository and deploy in target environments (Integration, QA, and Production).
* Configured and maintained **Jenkins** to implement the CI process and integrated the tool with **Maven** to schedule the builds. Took the sole responsibility to maintain the CI Jenkins server.
* Configured Jenkins for doing the build in all the non-production and production environments.
* Developing builds using **MAVEN** as a build tool and using Jenkins to kick off the builds to move from one environment to other environments.
* Experience in Continuous Delivery framework in Linux environment using **Chef, Maven, Jenkins & Nexus.**
* Experience in performing operational routines using **MongoDB**. Also performed backups, security measures and restored backups using MongoDB.
* Created and maintained user accounts, roles on **Jira, MySQL,** production and staging servers.
* Experience in WebLogic 9.x/10.x to implement zero downtime deployment **using python** and **bash/shell script** and used **Jenkins** to automate it.
* Written Shell scripts to apply the Integration label to all the files which needs manual labelling of files.
* Coordinate/assist developers with establishing and applying appropriate branching, labelling/naming conventions **using GIT source control**.
* Worked using vSphere where I was experienced with VSAN for storage and NSX for network virtualization.
* Involved in the installation and configuration of **VMware** Syslog Collector for ESXi servers for centralized log management.
* Created and maintained **VMware** host clusters for High Availability (HA), Distributed Resource Scheduling (DRS) and Distributed Power Management (DPM).
* Maintained the **Red Hat** Satellite for infrastructure management to keep Red Hat Enterprise **Linux** environments and other **Red Hat** infrastructure running efficiently, properly secured, and compliant with various standards.
* Experience with Red Hat Linux kernel, memory upgrades and swaps area. Red Hat Linux Kickstart Installation Sun Solaris Jumpstart Installation. Configuring DNS, DHCP, NIS, NFS in Sun Solaris 8/9 & other Network Services.

**Environment:** AWS, Load Balancers, Chef, Ansible, Shell, Python, Linux, Jira, My SQL, Jenkins, Apache Tomcat 7.x, Docker, Virtualization, Kubernetes, Configured plug-ins for Apache HTTP server 2.4, Nginx, LDAP, JDK1.7, XML, SVN, Git.

 **Client: Pearson, San Antonio, TX May ‘2018 to Dec ‘2018**

 **Role: Sr DevOps Engineer & Cloud Engineer**

* Implemented Enterprise Integration architecture using **Azure Service Bus**, App Services, Active Directory, Storage, hybrid connection manager, active directory authentication for azure SQL server and other offerings by azure.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network

interfaces (NICs), VMs and subnets.

* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the V Net with **Azure Internal Load Balancer.**
* Conducted a current state assessment of infrastructure framework to identify gaps and recommended solutions. Leveraged assessment result to enhance existing framework and design strategic solutions for owners and users.
* Design a robust future state Ingestion Framework solution leveraging **Azure Data Factory, Azure SQL database & Data warehouse.**
* Involved on migrating **SQL Server databases** to **SQL Azure Database** using SQL Azure Migration Wizard and used **Python API** to upload agent logs into **Azure blob storage**.
* Experience in migrating on premise to Windows **Azure** using **Azure** Site Recovery and **Azure** backups and having good knowledge on **Azure** Fabric, Micro services in **Azure**.
* Embedded Experience in Authoring **Azure** Resource Manager templates, Experience in deploying **Azure** using Agile methodology, Configuring the **Azure** Load Balancer to Load balance incoming traffic to virtual machines.
* Expert in various **Azure** services like Compute (Web Roles, Worker Roles), Caching, **Azure** SQL, NoSQL, Storage, and Network services, **Azure** Active Directory, API Management, Scheduling, **Azure** Autoscaling, PowerShell Automation, **Azure** Virtual Machines, **Azure** search, **Azure** DNS, **Azure** VPN Gateway.
* Experience in migrating an On-premises Instances or Azure Classic Instances to **Azure** ARM Subscription with **Azure** Site Recovery.
* Experience in migrating on premise to Windows Azure using Azure Site Recovery and Azure backups and having good knowledge on Azure Fabric, Micro services in Azure.
* Implemented Micro-services using **Pivotal Cloud Foundry** (PCF) platform build upon Spring Boot Services and created workflows on TeamCity for setting up automated pipelines for **CI/CD** with PCF
* Ensured successful architecture and deployment of enterprise grade **PaaS solutions** using **Pivotal Cloud Foundry (PCF)** as well as proper operation during initial application migration and net new development.
* Provisioning servers/instances using infrastructure as code such as **Terraform** and **CloudFormation**. Code is stored in a private repository and constantly updated.
* Involved in Architect, build and maintain Highly Available secure multi-zone **AWS** cloud infrastructure utilizing **Chef** with **AWS** CloudFormation and **Jenkins** for continuous integration
* Maintained automated environment using **Chef** Recipes & Cookbooks within **AWS** and involved in Knife and **Chef** Bootstrap process, converted production support scripts to chef recipes and **AWS** server provisioning using **chef** recipes.
* Executed the automation from commit to deployment 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.**
* Configuration Automation and Centralized Management with **Ansible and Cobbler**. Implemented Ansible to manage existing servers and automate the build/configuration of new servers.
* Worked with playbooks, tasks, roles, facts and templates for **VAR** files and also configured files by conditions by keeping dynamic values and triggering **YML files** in **Ansible**.
* Setup **Docker** to automate container deployment through **Jenkins** and Dealt with **Docker** **Hub**, **making Docker Images** and taking care of various Images essentially for middleware establishments.
* Automated deployment of micro services to pull an image from private Docker Registry and deploy **Docker** **swarm** cluster using **Ansible**.
* Implemented cluster services using **Docker** and **Kubernetes** to manage local deployments in Kubernetes by building a self-hosted **Kubernetes** **cluster** using **Terraform** and **Ansible** and deploying application containers.
* 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.
* Included Vulnerability Detection as part of the **CI/CD** workflow using **Jenkins Pipelines**, SonarQube Quality Gates. Installed Jenkins/Plugins for **GIT Repository,** Setup SCM Polling for Immediate Build with **Maven** and **Maven Repository** (Nexus Arti factory).
* Set up **Jenkins** server and build jobs to provide Continuous Automated builds based on polling the **Git** source control system during the day and periodic scheduled builds overnight to support development needs using **Jenkins**, **Git**, and **Maven**.
* Managed the **Maven** Repository using **Nexus** antifactory tool and used the same to share the binary (EAR, WAR & JAR) snapshots.
* Automating the Build Infrastructure for deploying services in dockerized environments using **Jenkins, SonarQube, Maven, Groovy, Job DSL, Docker and Splunk.**
* Coordinated developers with establishing and applying appropriate branching, labelling/naming conventions using **GIT source control**.
* Implemented a Continuous Delivery pipeline with **Docker, Jenkins, and GitHub.** Whenever a new Git-hub branch gets started, Jenkins automatically builds a new Docker container from it.
* Integration of Application with monitoring tool new relic for complete insight and proactive monitoring.
* Deployed and configured Elastic Search, Log stash and Kibana (ELK) for log analytics, full text search, application monitoring in integration with Azure.
* Worked on web servers such as APACHE HTTP server, NGINX, Apache TOMCAT and application servers such as Oracle WebLogic 9.x, 10.x, IBM WebSphere 6.x, 7.x, 8.x, JBoss 4.1.
* Developed **Python**, **Perl** and **shell**/**bash** scripts for **TC** **Server**/**Tomcat** web application servers and automation of the build and release process and to automate certain processes for the smooth process of build tools like **Maven**.
* Performed OS installations, OS Upgrades, & Server Patching by configuring PXE & DHCP server using Kickstart & Jumpstart scripts on Red Hat Linux 5.x, 6.x & 7.x.
* Maintained the **Red Hat** Satellite for infrastructure management to keep Red Hat Enterprise Linux environments and other Red Hat infrastructure running efficiently, properly secured, and compliant with various standards.

**Environment:** AWS, Load Balancers, Chef, Ansible, Shell, Python, Linux, Jira, My SQL, Jenkins, Apache Tomcat 7.x, Docker, Virtualization, Kubernetes, Configured plug-ins for Apache HTTP server 2.4, Nginx, LDAP, JDK1.7, XML, SVN, Git.

 **Client: Blue Shield of California, San Francisco, CA Dec ‘2016 to Apr ‘2018**

 **Role: DevOps Engineer**

* As a Cloud DevOps Engineer focused on **Amazon** **Web** **Services** migration strategy, responsible for technical liaison between customers, development & support teams for successful migration and operation in Aws.
* Assisted with software builds, configuration, and deployments to dev, testing and production environments as part of a cloud migration effort.
* Writing **JSON** templates for Cloud formation and **Python** **scripts** for **Ansible** automation and contributing to our repository in **Bitbucket**.
* Provisioned nodes automatically with **AWS** Ops Works by Using an Unattended Association Script passing userdata.sh file from s3.
* Managed **Elastic Cloud Computing (EC2)** instances utilizing Auto scaling, Elastic Load Balancing for QA, UAT and prod-like environments.
* Automated the cloud deployments using **Ansible** and **AWS** **CloudFormation** **templates** from scratch as an effort of migration.
* Experienced in creating a cross-stack reference networking stacks for DEV, PROD and UAT.
* Configured, supported, and maintained all network, firewall, storage, load balancers, operating systems, and software in **AWS EC2.**
* Autoscaling the instances to design cost effective, fault tolerant and highly reliable systems.
* Configuring Virtual **Private Cloud (VPC)** with networking of subnets containing instances.
* Created **Cloud watch** Alarms for trigger actions or **Lambda** **scripts** that perform an automated response for the Alarm.
* Performed system monitoring and maintained Logs using **Cloud watch**.
* Managing multiple AWS instances, assigning the security groups, **Elastic Load Balancer** and **creating AMIs.**
* Involved in authoring **Terraform** scripts to provision **AWS** **infrastructure**.
* Integrated Jenkins with various DevOps tools such as Nexus, SonarQube, Ansible and used CI/CD system of Jenkins on Kubernetes container environment, utilizing Kubernetes and Docker for the runtime environment for the **CI/CD** system to build and test and deploy.
* Implemented **Kubernetes** to deploy scale, load balance, scale and manage **Docker** containers with multiple name spaced versions.
* Accomplished a production ready, load balanced, highly available, fault tolerant Kubernetes infrastructure.
* Created Clusters using **Kubernetes** and worked on creating many pods, replication controllers, services, deployments, labels, health checks and ingress by writing **YAML** **scripts**.
* Created **Docker** images using a **Docker** **file**, worked on **Docker** container snapshots, removing images and managing Docker volume and implemented Docker automation solution for Continuous Integration / Continuous Delivery model.
* Used **Ansible** and **Ansible** **Tower** as configuration management tools to automate repetitive tasks, quick deployment of critical applications, and wrote Ansible Playbooks, modules, and roles.
* Developed automation scripting using **YAML** and **Python** in Ansible to deploy and manage Java applications across Linux servers.
* Managed web applications, environments configuration files, users, mount points and packages using **Ansible**.
* Worked with various components of **Chef** **including Chef Server, workstations, Nodes, configurations of chef-client** and written cookbooks and recipes for Chef and assigning roles to nodes.
* Deployed and configured **Chef** **Server** and Chef Solo including bootstrapping of chef client nodes for provisioning; Created roles, cookbooks, recipes, and data bags for server configuration, deployment, and app stack build outs.
* Performed Log analysis using ELK stack and created monitoring charts.
* Designing and implementing CI (Continuous Integration) system configuring Jenkins servers, Jenkins nodes, creating required scripts (Perl & Python), and creating/configuring VMs (Windows/Linux)
* Administered **Jenkins** continuous integration server installation and configuration to automate application packaging and deployments by integrating it **with Git, Maven, Chef, JIRA and Email servers.**
* Created **Jenkins** jobs for continuously building the projects. Scheduled jobs to build upon every check in into subversion. Wrote Groovy script in Jenkins jobs to do pre-and post-build operations.
* Developed build scripts using **MAVEN** and GRADLE as the build tools for the creation of build artifacts like war or jar files.
* Responsible for source code management in **Bitbucket**. Used **Bitbucket** Server for secure, fast, enterprise-grade controls, like fine-grained permissions, pipeline, and powerful management features.
* Management of code releases in the software development cycle using version control tool GIT.
* Generated graphs by using Graphite and Grafana to check the performance of the application.
* Installed, monitored, and configured Applications in Nginx, WebLogic and **Apache** **Tomcat** Server and established connectivity to databases and troubleshoot issues on the fly.
* Administered **JIRA** that includes customizing **JIRA** projects with various schemas, complex workflows, screen schemes, permission schemes, and notification schemes.
* Atlassian Confluence was primarily used to document the work we do and publish the release notes.
* Extensively worked with various scripting languages like **Bash**, **Shell** and **Python**. Developed Perl and shell scripts for automation of the build and release process.
* Install and configure various services like DHCP, NFS, DNS, Apache Web Server, NIS, LDAP, Samba, JBoss, Web Sphere, SSH, FTP/SFTP, Send mail/SMTP, Telnet, Web logic, RPM Package Management, File System Management
* **Installed Redhat Linux** (RHEL) using Kickstart and applied security patches for hardening the server based on the company's policies.

**Environment:** GIT, WebLogic, RHEL 6.x/7.x, DB2, JVM, Java 1.7/1.8, FTP, Batch, Aws, Cloud formation, JSON, Ruby, chef, shell, Cloud watch, LDAP, IAM, Security, Jenkins, Splunk, load balancers, Docker, Kubernetes, Nexus, YAML, Ansible.

 **Client: DirecTV, El Segundo, CA Jul ‘2014 to Nov’2016**

 **Role: Build and Release Engineer**

* Developed build and deployment processes for Pre-production environments.
* Worked on **Python** **scripting** to deploy the applications using Puppet across **Linux** servers.
* Developed the scripts to push patches, files and maintain configuration drift through the Puppet Tool.
* Used **ANT** build tool for script deployment and deploy processes using Jenkins to move from one environment to another.
* Configured Jenkins to build Java Code using Meta Case Software and done C.I process on the generated java code.
* Used **Shell/Perl scripts** for automation purposes.
* Used **Nexus repository manager** to share the artifacts by configuring the repository manager.
* Worked on continuous integration tools like **Jenkins** for End-to-End automation for all build and deployments.
* Used **Puppet** and Urban code deploy tool for application delivery automation.
* Worked on **Puppet** in **Ruby** to manage deployment automation.
* Experienced in setting up Jobs for Plugin Management, Build/Deploy pipeline setup and User management.
* Automated testing builds and deployment by developing and maintaining the processes and associated scripts/tools.
* Configured and maintained common **Linux** applications such as Apache, active, NFS, DHCP, BIND, SSH, and SNMP.
* In production environment implemented and configured Nagios for continuous monitoring of applications and enabled notifications via emails and text messages.
* Configured **Linux** servers for clusters of **Oracle** Real Application and configured SAN based mount points as well.
* Involved in Building and configuring Red Hat **Linux** Servers using Kickstart server as required for the project. Maintained maximum uptime and maximum performance capacity for enterprise production, QA and UAT/staging.

**Environment:** Linux, Perl, Chef, Ansible, Puppet, Jenkins, Nagios, PHP, Ruby, JIRA, GIT, Docker, Vagrant, SVN, Ant, Bash, PowerShell, NT Command Shell.

**Education:** Bachelor’s in Electronics and Communication Engineering, India.