**Sampath**

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# Professional Summary:

# An Accomplished DevOps Engineer, with professional experience in Design, Development, Build, Release and Delivery of high-quality mission critical enterprise applications.

* IT Professional with **8** years of experience in **DevOps**, **Cloud computing**, **Build and Release Engineering,** automation, along with experience in **Linux Administration**, software design, Continuous Integration, Continuous Deployment.
* Experience in using **AWS** including **EC2, Auto-Scaling** in launching **EC2 instances, Elastic Load Balancer, Elastic Beanstalk, S3, Glacier, Cloud Front, RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS.**
* Extensively worked on **Jenkins/Hudson, Bamboo** for **continuous integration**, **Docker** and **Vagrant** for different infrastructure setup and for End to End automation.
* Building/Maintaining **Docker** container clusters managed by **Kubernetes Linux, Bash, GIT, Docker**, on **GCP** (**Google Cloud Platform**). Utilized **Kubernetes** and Docker for the runtime environment of the **CI/CD system** to build, test deploys.
* Expertise in integrating **Terraform** with **Ansible**, create and Version the **AWS** **Infrastructure**
* Experience in working on source controller tools like Subversion **(SVN), GIT, Stash, GitHub, Bit Bucket.** Strong knowledge on source controller concepts like Branches, Merges, and Tags.
* Extensively used build tools like ANT and Maven and migrated some projects from **ANT** to

**Maven** and upgraded the build tools.

* Extensively used SonarQube for static code quality analysis for code reviewing.
* Deployed the applications in **Tomcat, JBOSS** and **Web Sphere**.
* Extensively worked on **Jenkins (Open source & CB’s) and Team City** for continuous integration and for end to end automation for all build and deployments.
* Written **Jenkins fil**es to support Pipeline Job’s and Configuring **Multi-Branch Pipeline Jobs**

to automate Build and deployments by watching Developers Code commits.

* Having good Experience in Configuration Management tools like **Ansible**, **Chef and Puppet** for Deployment Application servers on multiple environments.
* Daily worked with Unix (**RHEL**, OEL, CentOS, etc) bash scripting BSH/KSH
* Developed **Python, Shell** scripts for software build conduct and management support.
* Expertise in Querying RDBMS such as **Oracle, MYSQL,** and **SQL** Server by using SQL for data integrity.
* Experience working in Micro-service architecture-based Applications using **Docker**, Docker Compose, and **Docker-Hub** Registry & supporting writing Dockerfile’s for Applications.
* Experience with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Experience in Implementing Continuous Delivery pipeline with **Docker**, **Maven**, **Ant**, **Jenkins, Python scripts** and **AWS**. Experience in running web scale services on **AWS**.
* Proficient with cloud services like **Amazon Web Services** and **Open shift**.
* Writing Bash, **GNU make** Python scripts to automate repetitive manual dev. tasks.
* Ability in development and execution of **Python, Ruby, Shell and Perl Scripts.**
* Experience in Migrating the **Weblogic** servers from Development to Staging and Staging to Production environments.
* Excellent in analyzing, performance tuning including troubleshooting, monitoring and maintaining **Weblogic** situations and solving the related problems
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases. Experience in using bug tracking tools like **JIRA.**
* Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as **Amazon Web Services (AWS).**
* Closely worked with **development**, **QA** and other teams to ensure automated test efforts are tightly integrated with the build system.
* Worked with **Terraform** to create AWS components like EC2, IAM, VPC, ELB, Security groups.
* Used **Terraform** to map more complex dependencies and identify network issue.

# Technical Skills:

|  |  |
| --- | --- |
| DevOps / Cloud Computing | AWS, Google, Open Stack, Puppet, Ansible, Docker, Kubernetes, Terraform, Hashicorp Vault |
| Build & CI Tools | Maven, Jenkins, ConCourse-CI, Artifactory, Bamboo, Nexus, Concourse |
| SCM Tools | CVS, SVN, Stash, GitHub, Bit Bucket, Clear Case, GitHub |
| Database | Oracle 11g/10g and 9i, SQL 2005 and Enterprise |
| Languages | Java, J2ee, .Net |
| Scripting Languages | PERL, Ruby, Python, Shell, |
| Web/App Servers | Web logic, Web Sphere, Apache Tomcat, JBOSS |
| Bug Tracking Tools | Jira |
| Monitoring & logging Tools | Signalfx, App Dynamics, Splunk, Elastic search, Logstash, Kibana (ELK), Datadog |
| Operating Systems | UNIX, Linux RHEL, CentOS, MS Windows |

**Professional Experience:**

**Client: DeltaDental VA April 2020 to till date**

**Role: DevOps Engineer**

**Responsibilities:**

* Highly motivated and committed Cloud and DevOps Engineer experienced in Automating, Configuring and deploying instances on **AWS**, and **Rackspace**cloud environments and Data centers.
* Involved in designing and deploying a multitude of applications utilizing almost all the AWS stack including **EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, LAMBDA,** focusing on high-availability, fault tolerance and **auto-scaling**in AWS cloud formation
* Supported **AWS cloud environment with 200+** AWS instances and configured **Elastic IP & Elastic Storage**and experience in working on implemented **Security groups**and **Network ACLs**.
* Configured AWS **Identity and Access Management (IAM)**Groups and Users for improved login authentication. Provided policies to groups using policy generator and set different permissions based on the requirement along with providing **Amazon Resource Name (ARN)**.
* Worked on AWS **CloudWatch**, **CloudFormation**, **Cloud Trail**services and **CloudFront**to setup and manage cached content delivery. Created **Elastic load balancers (ELB)**and used **Route53**with failover and latency options for high availability and fault tolerance.
* Designed and deployed AWS Solutions using **EC2, S3,** **Elastic Load balancer** (ELB), EBS, and **Auto Scaling groups.**
* Involved in **SCRUM**ceremonies (stand-up, grooming, planning, demo/review and retrospective) with the teams to ensure successful project forecasting and realistic commitments.
* Setup continuous integration environment for applications running on spring boot framework using **Concourse**
* Installing and configuring **Concourse-CI**, configuring **security**, creating a **master** and worker nodes for implementation of multiple **parallel builds**.
* Worked with the development team to generate deployment profiles (jar, war, ear) using Maven Scripts and **Concourse-CI**.
* Configured various **Concourse-CI** jobs from building jobs in **Maven**. The Configured jobs also had notifications enabled for success and failure of jobs, which would inform concerned people
* Built Concourse jobs to create AWS infrastructure from Bitbucket repos containing **terraform code.**
* Configured RDS instances using **Hashicorp Terraform**
* Managed different infrastructure resources, VMs and even Docker containers using Terraform It supports different Cloud service providers like AWS.
* Worked with **Terraform** to create AWS components like EC2, IAM, VPC, ELB, Security groups.
* Used **Terraform** to map more complex dependencies and identify network issue.
* Hands on experience on **Terraform** a tool for building, changing, and versioning infrastructure safely and efficiently.
* Worked with **Terraform** key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation
* Experience in creating AWS AMI, have used **HashiCorp** Packer to create and manage the AMI's.
* Secured Data is stored in MySQL. **Vault** (by HashiCorp) secures, stores and tightly controls access tokens and passwords used by the overall platform, started in the AWS cloud and currently integrates with several services like AWS AIM, Amazon DynamoDB, Amazon SNS, Amazon RDS
* Contributed to a method with **Hashicorp** Packer to test new AWS AMIs before promoting it into production
* Created automated pipelines in **Concourse-CI** to deploy **Docker**containers in AWS **ECS.**
* Experienced with setup, configuration and maintain **ELK stack** (Elasticsearch, Logstash and Kibana)
* Responsible to designing and deploying new **ELK clusters (Elasticsearch, Logstash, Kibana)**
* Design, build and manage the **ELK** (Elasticsearch, Logstash, and Kibana) cluster for centralized logging and search functionalities for the App.
* Currently working on Dashboard Designing for Cloud applications using the **DataDog**,
* Experience in creating **DataDog** dashboard and Alerts creation

**Environment:** Linux, Google Cloud Platform, AWS, Red Shift, Jenkins, Concourse-CI, Groovy, Maven, Chef, GNU make, Docker, BitBucket, Hashicorp Terraform, vault, Consul, Web Logic Server, Apache Tomcat Server, Python, & Puppet, Docker and Kubernetes, ELK, DataDog.

**Client: Panasonic, Atlanta, GA Oct 2019 to April 2020**

**Role: DevOps Engineer**

**Responsibilities:**

* Migrated the **Linux/windows Servers** environment to **Google** environment and used auto scaling feature. Involved in Remediation and patching of **Unix/Linux** Servers.
* Expertise in designing and deploying multitude applications utilizing all of the

**GCP** stack (Including **Compute Engine, Cloud DNS, Cloud Storage**)focusing on high-availability, fault tolerance, and auto-scaling in **Google Cloud Formation**.

* Implemented and maintained the monitoring server’s performance, CPU utilization and alerting of production and corporate servers/storage using **GCP Stackdriver**.
* Provided consistent environment using **Kubernetes** for deployment scaling and load balancing to the application from **dev** through production, easing the code development and deployment pipeline by implementing Docker containerization with multiple namespace.
* Installed Jenkins/Plugins for GIT Repository, setup SCM Polling for Immediate Build with Maven and **Maven Repository (Nexus Artifactory**) and Deployed Apps using custom playbook modules through **Ansible** as a **CI/CD** Process.
* Integrated **Ansible** playbooks with **Terraform** modules to combine infrastructure creation and configuration.
* Experience in analyzing applications for **GCP** migration suitability and defining Cloud migration strategy for enormous number of applications, experience in designing, implementing and testing of **RESTful**web services and API’s.
* Involved in Installing **Jenkins** on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Wrote **ANT** and **MAVEN** Scripts to automate the build process. Configured **Jenkins** for doing the build in all the non-production and production environments.
* Integrated **Maven** with **Jenkins** for the builds as the **Continuous Integration** process.
* Worked closely with the team to review code for **compatibility issues**, resolve issues as they arise, and implement deployment processes and improvements on a continuous basis.
* Incorporated the Code Quality Tools to find Bugs and Covertures into **ANT** Projects.
* Created, tested and deployed an End to End **CICD pipeline** for various applications using **Jenkins** as the main Integration server for Dev, QA, Staging, UAT and Prod Environments.
* Used **Google Command Line Interface (CLI)** along with **Bash/Python** to automate repetitive work in release activities with Project / Release Management and Development teams to ensure a smooth and trouble free roll out of releases.
* Involved in working with **ANT, MAVEN** as a build tool to build the **WAR, JAR, EAR** package, deploy them into the application server, **production and QA** servers.
* Extensively worked on **python scripting** build systems for the **automation** of various applications.
* Generated **Ant**, **Perl** and **UNIX** scripts for build activities in QA, Staging and Production environments
* Responsible for setting up, configuring and maintaining various **Network Management Tools** for **monitoring hosts** status and perform health checks using **New Relic** and **Nagios.**
* Used **Ansible** Tower, which provides an easy-to- use dashboard and role-based access control, so that it is easier to allow individual teams access to use **Ansible** for their deployments.
* Experience with **Ansible** Enterprise hosted as well as On-Premise, installed Workstation, wrote modules and **Playbooks** and uploaded to Ansible –Server, managed On-site applications /Services/Packages using **Ansible.**
* Created playbooks and roles for **Ansible** and deploying applications to **GCP cloud** using **Ansible**.
* prototype **CI/CD** system with **GitLab** on GKE utilizing **kubernetes** and **Docker** for the runtime environment for the CI/CD systems to build and test and deploy.
* Hands on experience on working with System health and performance Monitoring Tools like **Splunk, Cloud Watch, New Relic, Elastic search, Kibana,** etc.
* Extensive experience in writing UNIX shell scripts for Automation.
* Build and improve the reliability and performance of cloud applications and cloud infrastructure deployed on **Google Cloud Platform** and configured **VPC** with public and private subnets.

**Environment:** Linux, Google Cloud Platform, AWS, Red Shift, Jenkins, Groovy, Maven, Chef, GNU make, Docker, GIT, Git- Hub, Web Logic Server, Chef, Apache Tomcat Server, Kafka, Python, & Puppet, Docker and Kubernetes.

**Client: Kohl’s, Milwaukee, WI Feb 2018 to Oct 2019**

**Role: DevOps Engineer**

**Responsibilities:**

* Launching **Amazon EC2 Cloud Instances** using **Amazon Web Services** (Linux/ Ubuntu/RHEL) and configuring launched instances with respect to specific applications.
* Worked on **Auto scaling**, **CloudWatch** (monitoring), **AWS Elastic Beanstalk** (app deployments), **Amazon S3** (storage) and **Amazon EBS** (persistent disk storage).
* Writing/Debugging Dockerfile’s to build Application Docker images & deploying them to **Kubernetes** by writing **Yaml** files and by using **kubectl cli**.
* Written **Kubernetes yaml** files for Replication controller and services.
* Work with **Chef** Automation to create infrastructure and deploy application code changes autonomously.
* Designed and deployed AWS Solutions using **EC2, S3,** **Elastic Load balancer** (ELB), EBS, and **Auto Scaling groups.**
* Experience in Build and Deployment scripts using **ANT** and **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
* Setup and build **AWS infrastructure** various resources, **VPC, EC2 instances, S3, Security Group, Cloud Load Balancing** in **Cloud Formation JSON templates**.
* Provide highly durable and available data by using **Cloud-Storage data store**, versioning, lifecycle policies, and create AMIs for mission critical production servers for backup.
* Performed **S3 buckets** creation, policies and on the IAM role based polices and customizing the **JSON template**.
* Creation of **Subnets** and **Route tables**, **Internet gateway**, **Virtual gateway**. Included **security groups, Network ACLs, Internet Gateways, and Elastic IP's** to ensure a safe area for organization in **AWS Public cloud**.
* Used **Amazon EC2 Command Line Interface (CLI)** along with **Bash/Python** to automate repetitive work in release activities with Project / Release Management and Development teams to ensure a smooth and trouble free roll out of releases.
* Apply Auto Scaling and **Elastic Load Balancing** to create high availability and fault tolerance to **EC2** instances.
* Implemented **JUnit framework** to write test cases for different modules and resolved the test findings.
* Worked with **Amazon AWS/EC2, and Google's Docker** based Cluster management   
  environment **Kubernetes.**
* Involved in designing and deploying multitude applications utilizing almost all of the

**GCP** stack (Including **Compute Engine, Cloud DNS, Cloud Storage**)focusing on high-availability, fault tolerance, and auto-scaling in **Google Cloud Formation**.

* Migrated the current **Linux** environment to **Google** environment and used auto scaling feature. Involved in Remediation and patching of **Unix/Linux** Servers.
* Used Google **Cloud DNS** to manage **DNS** zones and also give public **DNS** names to elastic **Load balancer** ip's.
* Used to debug all Application **Jenkins** builds if something is breaking.
* Maintained **Jenkins** **continuous integration** infrastructure and automated releases to **DEV/TEST/STG/PROD** environments.
* Worked in DevOps group running **Jenkins** in a **Docker container** with **EC2 slaves** in Amazon AWS cloud configuration. Also, gain familiarity with surrounding technologies such as **Mesos** and **Kubernetes**
* Worked on interpreting and modifying **Terraform** scripts and **Ansible** scripts to troubleshoot environment issues.
* Written **Jenkins** file’s using **groovy** to support **Docker** image Build and **Kubernetes** deployments Automation.
* Worked on Open stack **api Service Magnum** for container orchestration **using Docker Swarm**.
* Worked with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application **(CI/CD)** to deploying either public or private cloud.
* Used **Kubernetes** to deploy **scale, load balance, scale and manage Docker** containers with multiple namespaces in **Kubernetes**.
* Used **Kubernetes** to orchestrate the deployment, scaling, management of **Docker** Containers

**Environment:** Linux, AWS, Google Cloud Platform, Terraform, Red Shift, Jenkins, Groovy, Maven, Chef, GNU make, Docker, GIT, Git- Hub, Web Logic Server, Chef, Apache Tomcat Server, Kafka, Python, & Puppet, Docker and Kubernetes.

**Client: GILEAD, Foster City CA March 2017 to Jan 2018**

**Role: DevOps Engineer**

**Responsibilities:**

* Involved in designing and deploying a multiple of applications utilizing almost all the **AWS stack** including **EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, Lambda, Redshift**, focusing on high-availability, fault tolerance and auto-scaling in **AWS** using Cloud Formation.
* Create various Maven scripts to create multiple deployment profiles and deploy the applications to **Apache Tomcat**.
* **OpenShift** Incident resolution working closely with **Pipeline/DevOps teams**, analyzing logs, performance and supporting the application team or tuning the platform API connect and **DataPower**
* DevOps role converting existing **AWS infrastructure** to server less **architecture (AWS Lambda, Kinesis)** deployed via **Terraform** **and AWS Cloud formation**
* Create automation and deployment templates for relational and **NOSQL** databases (standalone and RDS), including **MySQL, MongoDB, Maria DB** in AWS.
* Deploying and Managing Azure Services - Cloud Services, Web apps, application insights, azure dashboards, Virtual networks, **Load balancers, Azure Storage** (**Blobs, Tables, Queues, Files**).
* Involved in migrating physical **Linux/Windows** machines to AWS Cloud & configured Apache webserver in the Linux AWS Cloud environment using **Ansible automation**. Using **Ansible** with AWS allowed me to reduce costs for the department and eliminate Unwarranted resources.
* Experience in administering Webserver Apache and Application server **JBoss**.
* Configured **Ansible's** dynamic inventory feature to provision AWS resources for **OpenShift** deployment
* Implemented and maintained the monitoring server’s performance, CPU utilization and alerting of production and corporate servers/storage using AWS **CloudWatch**.
* Integrated Jenkins with **Docker** container using **CloudBee**s Docker pipeline plugin to drive all microservices builds out to the Docker Registry and then deployed to **Kubernetes**. Integrated Selenium automation regression test suite in **Jenkins build pipeline**.
* Worked with the Groovy Scripts in **Jenkins** to execute jobs for a Continuous Integration Pipeline with **Ansible, Vagrant** and **Docker**.
* Written process documentation and ideas about **CI/CD** implementation on Confluence and wiki pages.
* Create wiki page and upload in confluence on newly occurred issues for the team reference  
  Monitoring daily Batch jobs and its log file
* Configured **Ansible** to manage AWS environments and automate the build process for core AMIs used by all application deployments including Auto Scaling and Cloud Formation Scripts.
* We had used **Ansible-Galaxy** for Templates and modified as per our requirement. Installed and Implemented Ansible configuration management system. Used **Ansible** to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, stack monitoring using **Ansible** playbooks and has Integrated **Ansible** with **Jenkins**.
* Worked on setting up the **Chef-Workstation, Chef-Server** and **Chef-Nodes** and Implemented Customized **Cookbooks**, Roles, Data Bags, Environments for better environment management and synchronized with Git and deployed the run-list into Chef-server and bootstrap the Chef clients remotely.
* Configured with **Red Hat OpenShift** Container Platform for **Docker** and **Kubernetes**. Used **Kubernetes** to manage containerized applications using its nodes, ConfigMaps, selector, Services and deployed application containers as Pods.
* Experienced and proficient deploying and administering **GitHub.**
* Experience in Amazon S3 for storage, SNS, Cloud Front for accessing and content delivery (CDN) and VPC for network security access as per requirement.
* Debugging Chef Recipes and their execution trying to pull logs into **Splunk** and monitor deployments.
* **Docker/Kubernetes**: Created containers to deploy Microservice/application on pods and orchestrate them via **Red Hat Openshift**
* Used **ANT** for building and deploying artifacts in **JFrog Artifactory** and **Nexus.**
* Collaborated with the DevOps implementing **CI/CD** using **Jenkins,** building containers using Dockers, provisioning VMs and the deployment of containers to **OpenShift platforms**.
* Focused on containerization and immutable infrastructure. Experience on clustering and container management using **Docker** Swarm and **Kubernetes**.
* Using various tools such as **Ant, Maven, Jenkins, VSTS** and **Chef**, I have established release management processes for the existing Java based applications and established automated build processes that were non-existent previously.
* Involve in setting up **JIRA** as defect tracking system and configured various workflows, customizations and plugins for the **JIRA bug/issue tracker**.
* Configured and Monitored distributed and multi-platform servers using **Nagios** and **Splunk**.

**Environment**: AWS, CloudBees, Linux, GIT, JFrog, Nexus, Docker, Kubernetes, Confluence, Ant, Maven, Jenkins, VSTS, Bamboo, Vagrant, Chef, CloudWatch, Rational ClearQuest, Tomcat, Python, Ruby, JavaScript, Nagios, Splunk, JIRA, MYSQL, MongoDB.

**Client :BNSF, Fort Worth, TX Nov 2015** to **Feb 2017**

**Role: DevOps Engineer**

**Responsibilities:**

* Helped the organization to migrate some on-premise projects to transition into public cloud
* Fundamental mastery of the AWS cloud computing platform, and its many dimensions of scalability - including but not limited to: **VPC** (Virtual Private Cloud), **EC2,** load-balancing with **ELB**, messaging with **SQS** (and scalable non-AWS alternatives), auto-scaling architectures.
* Documented Features / changes/ fixes in JIRA, confluence
* Authored ‘**server\_prep.sh’** to install pre-requisites & **spin centos** boxes, mod\_ik, **Load balanced tomcat instances**
* Automated what was a 2 hr **J2EE** deployment into a 15 min ‘one-click’ remote deployment with help of dev team & **bash scripts** to distributed **testbed** environments
* Defined **AWS** Tag management strategy & enforcement using **lambda events**. Identified AWS waste using **CloudWatch API** output in **Knightly reporting**
* Wrote **Puppet**, **Ruby**, **Python SSH** as a **wrapper** to manage configurations of OpenStack Nodes and the test **manifests** on AWS instances using **Python**
* Written pre-commit, post-commit, post-receive hooks in **GIT** and responsible for merging, tagging and conflict resolution in **GIT and SVN.**
* Worked with **MAVEN** for application builds & has written **MAVEN** scripts, **shell scripts** to automate the build process.
* Configure **CIDR range IP address** using **Virtual Private Gateway** for VIP’s and managed instance security groups using the internet gateway protocols.
* Used Amazon **RDS** (Relational Database Services) for the storing of the customer data on cloud and used **S3 versioning** when it’s important to import from the **Amazon Glacier**.
* Used **ANT** as a Java build tool for the development of build **artifacts** on the **binaries**
* Installed/Configured/Managed JENKINS CI Automation and used **JENKINS** as a continuous integration tool for automation of daily process and automated the Jenkins testing jobs using Selenium
* Involved in troubleshooting of **Red Hat Linux server** issues and hardware issues and replacements.
* Expertise in implementation and maintenance of Apache **HTTPD, SMTP, DHCP, NFS, NIS, NIS+,** **LDAP, DNS, SAMBA, SQUID, Postfix, send mail, FTP, Remote Access, Security Management** & Security trouble shooting skills.
* Coordinated Release effort amongst various teams (Integration, **QA, Testing,** and Business Analysis) in geographically separated environment.
* Experience with container-based deployments using **Docker, Docker images, DockerHub & registries.**
* Deployed **Docker Engines** in **Virtualized** Platforms for containerization of multiple applications.
* Executed the DB Scripts (**DML’s**), which have dependencies on the code on **Oracle DB.**
* Installed/Configured/Managed **Puppet Master/Agent**.
* Designed and implemented fully automated **server builds** management, monitoring and deployment By Using **Puppet.**
* Enhanced Configuration Management using (**PUPPET**) to assist with automated, repeatable, and consist configuration and application deployments, treating infrastructure-as-code
* Used **Apache Tomcat** as application server for deploying the artifacts and using configurations of **Puppet and Chef**.
* Applied patches every quarter regularly to meet audit requirements using **Oracle Ops Center, Red Hat Satellite server, Up2Date, YUM, RPM tools.**

**Environment:** AWS, EBS, EC2, VPC, ELB, SQS, S3, Glacier, ANT, Git, SVN, Maven, RedHat Enterprise Servers. Chef, Puppet, Docker, Docker Images, Apache Tomcat, HTTPD, SMTP, DHCP, NFS, NIS, NIS+, LDAP, DNS, SAMBA, SQUID, Postfix, Send mail, FTP, Remote Access, Jenkins.

**Client: Inforlinx Solutions – Hyderabad, India Aug 2013** to **Sep 2015**

**Role: Build Release Engineer**

**Responsibilities:**

* Redesigned a loose set of **build scripts** into a fully automated build plan with failure alerts that handled: software **build, publish tasks, installer creation, test scripts,** and automated release to **QA** with email notification of build details
* Creating **User Ids** / Authorizing access within version control systems / Build systems.
* Delivering product executable to internal teams for end to end verification/ external customers
* Involved in writing parent **pom.XML** files to establish the code quality tools integration
* Sends **Uptime, Downtime** notifications to teams on Servers Status at times of the **EAR & WAR** package deployments from **JBoss 4.3 Admin Console**
* Created & administered virtualization platforms like **hypervisor** (Hyper V), **VMware, ESX/ESXi** **4.x, 5.x, VMware Workstation, and vSphere**
* Experience in **Subversion** branching, merging strategies concepts using **Git and SVN**
* Deployed artifacts generated by **Maven** to store it **WAR** files required during build using **Apache Tomcat repository**
* Deployment to app containers (**JBoss, WebSphere**) and troubleshoot failed deployments
* Administered .msi packages for deployment of multiple application & web apps used in (36) unique & private labeled installers **using InstallShield premier**

**Environment:** SCM, Maven Builds, pom.xml, Disaster recovery, webserver, Virtualization with VMware, ESX/ESXi 4.x, 5.x, VMware Workstation, Vsphere, ESX Build and release planning, Eclipse, JIRA, Agile, Scrum, bash, shell, python, scripting, jBoss admin 4.3 console

**Client: Cube IT Innovations, Hyderabad, India Aug 2011** to **July 2013**

**Role: Linux Admin**

**Responsibilities:**

* Provide technical support for production site in monitoring and troubleshooting the problems as they design and implement long term solutions
* Troubleshooting and monitoring performance and modulate the CPU, I/O, memory and network.
* Routine maintenance of software and hardware
* Update and maintain applications and web servers.
* Created environments using **TCP/IP, NIS, NFS, DNS, VSFTP** and **DHCP**.
* Installed and configured Citrix Metaframe XP Presentation Server, Terminal Server to published ITMS application for demo and also used WebEx
* Problem determination and troubleshooting, Security using **SSH**.
* Providing technical support for users and resolving their troubleshooting tickets.
* Keep working on number of servers and helped in solving basic level issues
* Install configure and maintain servers using their own standards
* Experience in working on critical alerts like usage, workloads and prioritize them
* Worked on installation and configuration of **apache** and **tomcat** webservers
* Creating and updating tickets using ticketing tools **Jira**
* Monitoring **system logs**, **webserver logs**, **Error logs**.

**Environment: Red Hat Enterprise Linux 4.5x, 6.x, Active Directory, Jira, Jenkins, Apache Tomcat.**

**Education**: Bachelor’s in computer science, VJIT College, India.