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**Sr. DevOps Engineer**

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**PROFESSIONAL SUMMARY:**

Around 10+ years of IT experience with profile of Software Configuration/Build/Release Management/Continuous Integration and expertise on version control tools like Subversion, Clear case administration, Managing build and multiple releases. Also, worked on Clear Quest (Bug Tracking Tool) administration and have hands on Build Automation tools like Hudson and Continuum. Over the course of my career, I have gained lot of experience in assessing the environment and recommending the appropriate SCM tool, recommending appropriate labeling / branching / merging / backup strategies and experience in using CVS, Subversion, VTFS, Perforce, GIT and Rational Clear Case on UNIX and Windows environment.

* Knowledge in Software development methodologies like Agile, Scrum/Sprints, Iterative, and Waterfall models etc.
* Experienced in Administration of Production, Development, and Test environments.
* Experience working on Docker hub, creating Docker images and handling multiple images primarily for middleware installations and domain configurations.
* Have worked on Docker container snapshot, attaching to a running container, removing images, managing directory structures and managing containers.
* Set up Jenkins server and build jobs to provide continuous automated builds based on polling the SVN source control system during the day and periodic scheduled builds overnight to support development needs using Jenkins, JUnit, Selenium and Maven.
* Worked as a bridge between developers and operations to assure the regular and timely continuous delivery of functional services to both internal and external customers.
* Deploy a Drupal Docker container, connect it to your MySQL container, and finish configuring Drupal.
* Configured Drupal and installed the plugins and themes needed to get your new website running, you can save a snapshot of your Drupal Docker container for redeployment.
* Passionate about new knowledge and innovation. Ability to grasp technical concepts quickly and apply that knowledge to DevOps efforts within the team.
* Strong knowledge on deploying microservices on non-prod and Production server using bamboo and UC Deploy.
* Team up with Sales, Customer Success, Support and Development while work directly with Dev and DevOps Pros to ensure success with the JFrog platform.
* Working understanding of CI/CD concepts and practices, experience with Bamboo, UrbanCode Deploy and Release suites preferred
* Strong experience on DevOps essential tools like Chef, Puppet, Ansible, Docker, Kubernetes, Subversion (SVN), GIT, Hudson, Jenkins, Ant, Maven and migrated VMWAREVMs to AWS and Managed Services like EC2, S3, Route53, ELB, EBS.
* Using Concourse CI/CD pipelines for drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Created dynamic routing/load balancing capability for Kubernetes by using ingress rules using Ingress Controllers- Nginx and Implemented Firewalls using Network policies
* Installation and configuration of various services - DNS, DHCP, NFS, and Send mail, Apache Web Server, Samba, SSH, HTTP, RPM package management. Experience in administering Active Directory and group.
* Tracks and maintains the projects change requests, impact assessments and reporting.
* Integrated Terraform with TeamCity to automate builds and environment deployments.
* Create deployment plans for various platforms including WebSphere AppServer, Docker containers, Data Power.
* Worked closely with development team (Agile) to create Selenium WebDriver automation scripts.
* Experience in working on Docker, Jenkins, Cruise Control, Team City, Bamboo and Hudson for continuous integration and for End to End automation for all Build and Deployments.
* Used EC2 as virtual servers to host Git, Jenkins and configuration management tool like Ansible. Converted slow and manual procedures to dynamic API generated procedures.
* Managed Ansible Playbooks with Ansible roles. Used file module in Ansible playbook to copy and remove files on remote systems.
* Implemented configuration management with cookbooks/playbooks for Advanced production applications and servers using Ansible
* Created and wrote shell scripts (ksh, Bash), Ruby, Python, and PowerShell for setting up baselines, branching, merging, and automation processes across the environments using SCM tools like GIT, Subversion (SVN), Stash and TFS on Linux and windows platforms.

**TECHNICAL SKILLS**

**Version Control:** Git, Perforce, Github, GitLab, Stash, Subversion and Team Foundation Server  
**Continuous Integration:** Jenkins, Docker, BuildForge, uBuild, Bamboo and TeamCity   
**Installer & Packaging:** InstallAnywhere, InstallShield, Wise Installer/ Studio and Linux RPM   
**Configuration Mgmt:** Ansible, NewRelic and Puppet   
**Build Tools:** Maven, Gradle, Ant, Make and MSBuild   
**Scripting:** C#, Shell Scripting and Python   
**App Servers:** HTTP, Tomcat, Websphere, Liberty Profile Apache, Nagios

**Artifact Management**: Experience using Sonatype Nexus, JFrog Artifactory.  
**Quality & Security:** SonarQube, FindBugs, AppScan, Coverity, Clover, Selenium.  
**Virtualization**: VMware WorkStation, Oracle Virtualbox and VSphere   
**Operating Systems:** Windows, Linux, Ubuntu, Solaris, and Mac OS X   
**Languages**: Perl, Ruby, HTML, Core Java, C#, PHP, Microsoft.NET, CSS3, Bootstrap, JAVA, Nodejs  
**Database:** MySQL 5, Oracle RDBMS, PL/SQL

**Ticketing Tools:**  JIRA, Pager Duty, VectorOps

**WORK EXPERIENCE:**

**Takeda Boston, MA**

**Devops/Cloud Engineer July 2022 – Present**

**Responsibilities:**

* Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes, worked with Terraform.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Developed microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Implemented and presented the end-to-end Devops Lifecycle in partnership with AWS using AWS Services like AWS Cloudformation, CloudBuild, CodeCommit, CodeArtifact, CodeDeploy, CodePipeline.
* Created a BDD Framework for Automation team members for UI and API Testing purposes.
* Worked heavily on Serverless using AWS Fargate, Lambda, S3, DynamoDB etc., Clusters using Terraform.
* Part of implementing extremely secure applications using Hashicorp Vault with AWS, Azure, and Kubernetes Services.
* Work with different teams like System admin, network admin, DBA and other for successful Release Build tool used - Jenkins, Maven, and Bamboo.
* infrastructure as well as custom in-house solutions. Proficient in writing Templates for AWS IAC using Terraform to build staging and production environments.
* Experience in creating and maintaining highly scalable and fault tolerant multi-tier AWS and Azure environments spanning across multiple availability zones using Terraform.
* Experience in using modules for private and public registry through Terraform.
* Experienced with Cloud Migrations to IAAS Platforms as cloud agnostic platforms – AWS, Azure using Terraform.
* Experience in Implementing Terratest unit test cases for the newly developed modules, Implemented Sentinel policies for enterprise terraform cloud workspaces.

**AICPCU The Institutes , Media, PA**

**Devops Engineer Dec2021 – May 2022**

**Responsibilities:**

* Configuring JUnit coverage report and Integration Test cases as part of build in GitLab Runner.
* Used Docker in Environment variables, Configuration files, Option types and Strings & integers.
* Experience with Linux systems, virtualization in a large-scale environment, experience with Linux Containers (LXC) and Docker.
* Developed Terraform code for a Kubernetes infrastructure build. Managed it using Kops for Kubernetes. Debugged issues and integrated Kubernetes with ECR and Amazon Route 53.
* Monitored performance and history of infrastructure with tools such as CloudWatch, Datadog etc.
* Expertise in Azure Scalability and Azure Availability - Build VMs availability sets using the Azure portal to provide resiliency for IaaS based solution and Virtual Machine Scale Sets (VMSS) using Azure Resource Manager (ARM) to manage network traffic.
* Developed a Python script to automate the input value file build and a Terraform module and workspace initialization.
* Used Docker for setting Azure Container Registry with Docker and Docker-compose and actively involved in deployments on Docker using Kubernetes.
* Developed an infrastructure as a code using Terragrunt with Terraform while applying a fully modularized approach. Built networking infrastructure, EKS (Kubernetes) clusters, and relational databases in AWS as a code
* Resolved update, merge and password authentication issues in Gitlab and Jira.

**Spreetail, Omaha, NE**

**Devops Engineer Aug 2021 – Oct 2021**

**Responsibilities:**

* Configuring JUnit coverage report and Integration Test cases as part of build in GitLab Runner.
* Experienced in Gitlab CI and Jenkins for CI and for End - to-End automation for all build and CD. Proficient in documenting and implementing procedures related to build deployment and release.
* Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes, worked with Terraform.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Developed microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Used Bash and Python included Boto3 to supplement automation provided by Ansible and Terraform for tasks such as encrypting EBS volumes backing AMIs.
* Involved in using Terraform migrate legacy and monolithic systems to Amazon Web Services.
* Used Terraform scripts to Automate Instances for Manual Instances that were launched before.
* Extensively involved in infrastructure as code, execution plans, resource graph and change automation using Terraform.
* Written Shared ARM templates V2 and stored in storage accounts, these templates will be referred by application team ARM templates for deploying security and custom domain extensions.
* Worked on Azure Cloud products like Virtual Machines, Storage Accounts, Application Insights, Automation Accounts, Databases, Networking and IaaS/PaaS resources
* Experience managing Azure Data Lakes (ADLS) and Data Lake Analytics and an understanding of how to integrate with other Azure Services. Knowledge of USQL and how it can be used for data transformation as part of a cloud data integration strategy
* Build multiple Data Lakes. Build how the data will be received, validated, transformed and then published.
* Deployed an Azure Databricks workspace to an existing virtual network that has public and private subnets and properly configured network security groups.
* Worked on Azure Databricks to use custom DNS and configure network security group (NSG) rules to specify egress traffic restrictions.
* Configured Azure Encryption for Azure Storage and Virtual Machines, Azure Key Vault services to protect and secure the data for cloud applications.
* Worked with Terraform Templates to automate the Azure Iaas virtual machines using terraform modules and deployed virtual machine scale sets in production environment.
* Involved in creation of virtual machines and infrastructure in the Azure Cloud environment.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker on AWS. Utilized Kubernetes and Docker for the runtime environment of the CI / CD system to build, test deploy.

**MetLife, Cary, NC Feb 2020-July 2021**

**Platform Engineer- DevOps specialist**

**Responsibilities:**

* Extensively work on Bamboo CI/CD pipeline jobs for end-to-end automation to build, test and deliver artifacts and troubleshoot the build issue during the Bamboo build process.
* Configured diagnostics, monitoring and analytics on Azure using API Management, Logic Apps and set up documentation Using Swagger API, while focusing on scale and resilience for Azure Web Apps.
* Developed Restful API and created VMs in Azure using CURL command and http request (Put, Get, Update, Delete, etc.,). Generated access token, subscription ID, tenant ID and client ID using Azure Active Directory in app registration.
* Understanding and designing on Azure resources for Mobile/Web based applications.
* Designing and configuring AppGateways and underlying Web Application Firewalls (WAF) along with VNET SUBNETS and DNS.
* Configured APIM Defined policies for inbound and outbound rules. configured connectivity between APIM> WAF, APIM>APPGW
* Defined policies for Application services Environments.
* Configured backend services and Designing of app service environments which includes web apps, functions apps.
* Understanding security policies and design on how to implement secrets and application properties using Key vault.
* Given monitoring solutions to use AppInsights and Datadog to trace application issues and bottlenecks.
* Design dashboards for runops teams to monitor live application 24/7
* Designed security policies to use azure authentication for internal communication between AppServices and external services.
* Strongly advised to clients to have an identical prod environment to measure performance of application but running +/- 200 tps and designed solution and automation to tweak ASE/AppService plans to handle the requests.
* Worked AppDynamics tool to configure monitoring for our docker container.
* Helped Teams to created AppDynamics Dashboard to virtualize the application performance in INT and Prod environment
* Help Teams in Installing AppD agent on preprod and Prod clusters.
* Transformed current Terraform modules that had version conflicts to empower controls and missing potency. Also, handwritten Templates infrastructure as a code using Terraform to build staging and production environments.
* Created Azure API for web apps and function apps in APIM and configured inbound polices.
* Creating, validating and reviewing solutions and effort estimate of converting existing workloads from classic to ARM based Azure Cloud Environment
* Developed automation system using PowerShell scripts and JSON templates to remediate the Azure services.
* Handling a skilled team and delivering services on Microsoft Azure Platform.
* Implementing New Azure Services like Backup Vaults, Recovery Service Vaults, operation Management Hands-on Implementation of the Azure Operations Dealing with IAAS Infrastructure (VM’s, Virtual Networking, Azure Service, Web Site Deployments) and Deploying applications as PAAS (Websites, Web Roles and Worker Roles),Deploying Function apps.
* Created builds and release pipelines in VSTS and done deployments using SPN (secure endpoint connection) for implementing CI/CD.
* Worked with JIRA templates for allotting permissions to users and groups for the projects &amp; created mail handlers and notification Schemes for JIRA. Evaluation and manage Confluence add-ons and macros. Documented troubleshooting, installation and server’s information in confluence and bit bucket.
* Created Pods and managed using Kubernetes, established Jenkins Master & Slave architecture for reducing traffic of web requests. Build Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods**,** and orchestrated using Kubernetes.
* Configured monitoring tool Nagios for monitoring the Kubernetes nodes.

Increased pre-production server visibility by producing Datadog metrics. Enabled Datadog APM, JVM metrics in different Microservices. Creating Datadog Dashboards to visualize different Microservices metrics.

Creating Monitors for DatadogandCloudWatch using terraform. Integrating Datadog with Slack

* Implemented Jenkins Workflow and Plugins for repeatable deployments of multi-tier applications, Artifactsand services to Docker and RedHat.
* Implemented Kubernetes to deploy scale, load balance, scale and manage docker containers with multiple name spaced versions.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Performed user administration; startup and shutdown scripts; cronjobs, file system maintenance and backup scripting and automation using shell scripting (BASH, KSH) and Perl for Red Hat Linux systems. Extensive experience in Unix System Administration, System Builds, Server Builds, Installations, Upgrades, Patches, Migration, Trouble shooting on RHEL.

**Verizon Media (Yahoo), Sunnyvale, CA May 2019-Jan 2020**

**DevOps Engineer (Azure)**

**Responsibilities:**

* Responsible in deploying the application WARs, EARs JARs in Yahoo application servers 7.0 and resolved deployment issues by troubleshooting.
* To control abusive content hosted on Yahoo free sites used python automation to report the incidents to SMP team to mark the abusive sites.
* Worked on migration of Free BSD to RHEL7 and make sure the environment is stable, connecting with QE team to test these boxes and maintain the documentation.
* Automation of RPMs and Yahoo packages on various RHEL6 environments depending upon the customer needs.
* Understanding and designing on Azure resources for Mobile/Web based applications.
* Designing and configuring AppGateways and underlying Web Application Firewalls (WAF) along with VNET SUBNETS and DNS.
* Configured APIM Defined policies for inbound and outbound rules. configured connectivity between APIM> WAF, APIM>APPGW.
* Designed security policies to use azure authentication for internal communication between AppServices and external services.
* Involved in designing and deploying multitude applications utilizing almost all of the
* Conducted experiments on upgrading Yapache on yahoo servers.
* Imported and managed multiple corporate applications into GitHub code management repo.
* Coordinate/assist developers with establishing and applying appropriate branching, naming conventions using GIT source control.
* Analyze and resolve conflicts related to merging of source code for GIT.
* Extensively work on Jenkins CI/CD pipeline jobs for end-to-end automation to build, test and deliver artifacts and troubleshoot the build issue during the Jenkins build process.
* Develop build and deploy scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Implemented Jenkins Workflow and Plugins for repeatable deployments of multi-tier applications, artifacts and services to Docker and Red Hat.
* Handled fabric services to be deployed in containers and images, used Docker in Linux environment.
* Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker
* Setup Jenkins server and built jobs to provide continuous automated builds based on polling the GIT and integrated GIT with Jenkins to automate the code check out process with the help of Jenkins DSL Plugin.
* Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
* Expertise in setting up (CI/CD) Continuous Integration and Deployment Pipelines for J2EE, NodeJS, and Python apps as well as Docker containers using tools - Jenkins, Bamboo.
* Experienced in cloud technologies including Infrastructure as a Service(IaaS) and Platform as a Service(PaaS).
* Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics and Excel data extracts.
* Used python scripts to update content in the database and manipulate files.
* Developed a fully automated continuous integration system using Git, Jenkins, Docker and custom tools developed in Python.
* The API server is a key component and serves the Kubernetes API using JSON over HTTP, which provides both the internal and external interface to Kubernetes.

**Anthem, Mason, OH December 2017-March 2019**

**DevOps/Configuration Engineer**

**Responsibilities:**

* Strong understanding and application of Continuous Integration and Continuous Delivery concepts and worked with Bamboo extensively.
* Creating a fully Automated Build and Deployment Platform and coordinating code builds, promotions and orchestrated deployments using Bamboo and BitBucket.
* Responsible in deploying the application WARs, EARs JARs in WebSphere application servers 7.0 and resolved deployment issues by troubleshooting.
* Responsible for gathering all the requirements, migration reports and migrated applications form WebSphere application server 7.0 to WebSphere liberty 8.5.
* Enhanced the automation to assist, repeat and worked on deployment automation of all the Microservices to pull the image from the private Docker Registry and deploy to mesosphere Cluster using Bamboo agents.
* Worked on setting up Veracode static analysis to scan our artifacts using nightly build where the CI agents will be less used.
* Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch.
* Working on several Docker components like Docker Engine, Hub, Machine, Compose, Docker Registry and used Docker Swarm.
* Implement and maintain automated tools supporting DevOps processes Execute all DevOps processes and procedures, suggest improvements as needed.
* Develop and implement DevOps solutions that leverage AWS and internal products/service capabilities to meet customer’s most critical requirements.
* Perform Release co-ordination along with 24/7 on call support during bi weekly enterprise releases.
* Using CICD pipeline along with Mesosphere 1.10 to orchestrate the deployment, scaling, management of Docker Containers.
* Interaction with other teams Co-ordination and collaboration is the key for DevOps to be successful and hence daily integration with Dev and QA team, Program management, IT is always required.
* Frequently interact with Software Leads and Functional Managers and must possess excellent communication skills (interpersonal and written) to foster a team engaged approach.
* Build and deploy applications using cutting edge technologies such as Bamboo, BitBucket, and Maven.
* Worked POC on latest technologies like Kubernetes, Open Stack.
* Deploy releases to the production environment and help the project teams troubleshoot any issues.
* Supported in designing and deploying various Docker container workloads, UI, Exporters applications and one-shot jobs using orchestrations tool i.e, Mesosphere 1.10.0.
* Experience in monitoring System/Application Logs of server using Splunk to detect issues both on non-prod and prod server.
* The new Infrastructure has reduced the build and deployment times by 80% since every build is running on a specific virtual machine. Every Bamboo agent virtual machine can be reproduced using UC Deploy deployments.
* Worked on creating local setup for WebSphere Liberty 8.5 on RAD for developers so that developers can test their applications before dockerzing the applications.
* Experience in core AWS services (S3, EC2, ELB, EBS, Route53, VPC, auto scaling etc.) and deployment services (Elastic Beanstalk, Ops Works and Cloud Formation) and security practices (IAM, Cloudwatch and Cloud trail).
* Created SNS (Simple Notification Services) and triggering it by Cloud Watch monitoring to send SMS or Email to desired recipients. Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket.
* Experience on working with different cloud sand box like UAT, Testing and PRE-PROD Environment.
* Migrated some of the Legacy application on new JDK 1.8 along with new service call along with developer and tested on how to dockerize legacy application.
* Worked on Virtualization and Cloud Computing with AWS instances in the cloud. Administered and managed a Splunk server to monitor both Windows and Linux, physical and virtual environments.
* Responsible for designing and deploying SCM processes and procedures. Supported and developed tools for integration, automation and release management.

**Coca-Cola Enterprises, Atlanta, GA April 2015- November2017**

**AWS/DevOps Engineer**

**Responsibilities:**

* Interact with client teams to understand client deployment requests.
* Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
* Involved in deploying the content cloud platform on Amazon AWS using EC2, S3, and EBS. Evaluate Chef framework and tools to automate the cloud deployment and operations.
* Experience in core AWS services (S3, EC2, ELB, EBS, Route53, VPC, auto scaling etc.) and deployment services (Elastic Beanstalk, Ops Works and Cloud Formation) and security practices (IAM, Cloudwatch and Cloud trail).
* Worked on deployment and configuration of Pivotal Cloud Foundry on different cloud providers like VMWare VSphere and AWS.
* Expert in deploying the code into different sand boxes through web application servers like Web Sphere/Web Logic/Apache Tomcat/ JBOSS.
* Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket.
* Experience on working with different cloud sand box like UAT, Testing and PRE-PROD Environment.
* Managed cloud-based compute, network, and storage platforms translated functional requirements into operational platforms that support business operations.
* Experience in using Visual Source safe tool Tortoise SVN for version maintenance. Team city for continuous builds.
* Created continuous deployment system using Team city that will run the unit tests and deploy the code to the application server once a change has been detected in the GitHub repository.
* The new Infrastructure has reduced the build and deployment times by 80% since every build is running on a specific virtual machine. Every Team City agent virtual machine can be reproduced using Puppet deployments.
* Created POC's for Terraform, Chef, Docker, Open shift.
* Support containerization through Docker.
* Improved the Configuration Management Infrastructure using distributed TeamCity Agents, Git.
* Designed end to end automation of infrastructure and continuous delivery of the applications by integrating cloud formation scripts, Jenkins, Ansible, CHEF-Cookbooks& Recipes, and AWS.
* Created the Docker file. Built various containers using Docker engine and Docker Machine environments.
* Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes.
* Experience in monitoring System/Application Logs of server using Splunk to detect Prod issues.
* Experience in using Continuous Integration tools like TFS Team Build, Cruise Control, Build Forge, and Jenkins.
* Build the Scripts using ANT and MAVEN build tools in Jenkins to move from one environment to other environments.
* Primary duties include Build and Deployment of the java applications onto different environments like Dev, QA, UAT and Production. Analyze, resolve, compilation and deployment errors related to code development, branching, merging, and building of source code along with Linux Administration (Installation, Configuration, Tuning and Upgrades of Linux.
* Implementing a Continuous delivery pipeline with Docker, Jenkins and GitHub and AWS AMI’s.
* Implemented continuous integration using Jenkins. Configured security to Jenkins and added multiple nodes for continuous deployments.
* Configured SSH, SMTP, Build Tools, and Source Control repositories in Jenkins. Installed multiple plugins to Jenkins. Configured Proxy to get auto updates.
* Supported small to medium sized projects using GIT.
* Work on integrating GIT into the continuous Integration (CI) environment along with Jenkins and Subversion.
* Migrating projects from CLEARCASE to GIT and working as GIT admin as well packing and automating builds, code analysis, find bug, maven, CI builds Setup using TFS for all the projects in assurance.

**US Bank, Denver, CO July 2013 - March 2015**

**DevOps/AWS Engineer**

**Responsibilities:**

* Creation of VMs for SUSE, Solaris x86 and Red hat Linux on VMWare ESX 3.5 and administering them with VI Client.
* Dealt with Jira as ticket tracking and work flow tool.
* Implemented best practices of agile methodology to speed up the delivery process efficiently.
* Worked with SVN to manage source code repositories and performed branching, merging, and tagging depending on requirement.
* Performed SVN to GIT migration and Implemented & maintained the branching and build/release strategies utilizing GIT. Configure, monitor and automate Amazon Web Services as well as involved in deploying the content cloud platform on Amazon Web Services using EC2, S3 and EBS.
* Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch
* Installation, Configuration and Management of RDBMS and NoSQL tools such as DynamoDB.
* Created S3 buckets and maintained and utilized the policy management of S3 buckets and Glacier for storage and backup on AWS.
* Developed a notification system using LAMP, PHP, MVC and Amazon Web services.
* Involved heavily in setting up the CI/CD pipeline using Github, Jenkins, Maven, Nexus, Chef, Terraform and AWS.
* Worked on creating the Docker containers and Docker consoles for managing the application life cycle
* Configured an AWS Virtual Private Cloud (VPC) and Database Subnet Group for isolation of resources within the Amazon RDS Aurora DB cluster.
* Experience in creating notifications and alarms for EC2 instances using Cloud Watch.
* Created Snapshots and Amazon Machine Images (AMI's) of EC2 Instance for snapshots and creating clone's instances.
* Able to create scripts for system administration and AWS using languages such as BASH and Python.
* Facilitating the teams to use CI solution using Teamcity and Jenkins.
* Experience in monitoring System/Application Logs of server using Splunk to detect Prod issues.
* Performed all necessary day-to-day GIT support for different projects.
* Attended daily stand up meetings, bug-scrub meetings, Sprint planning meetings and Weekly release health check-up meetings as best practices of agile environment.
* Worked with Ant/ Maven to Build artifacts and deploy.
* Wrote scripts and configured TeamCity environments to manage the deployment and continuous integration of various Web based applications.
* Work closely with developers, QA teams, Product owners and other stakeholders to deploy efficiently on various sandbox instances.
* Worked together with developers to fine-tune process for newly introduced Atlassian tools in organization like JIRA, confluence, Stash-Git repository, Source tree.

**Intel Group- Mumbai, India June 2010 - September 2011**

**Build & Release Intern**

**Responsibilities:**

* Responsible for the requirement gathering and analysis.
* Developed 32 UI screens using HTML, JSP, and Java Script.
* Client-Side Validation throughout the application is done by JavaScript and Server-Side validation is performed inside Action Classes.
* Used Java Server Pages for content layout and presentation.
* Encapsulated Business Rules in PL/SQL packages and the data was written to the database in accordance the business rules.
* Debugging and testing of the applications & fine-tuning performance. Provided maintenance support in production environment.
* Prepare specs for new infrastructure and VMware servers, disk storage, and network switches, routers, firewalls, and VPN's.
* Developed web sites using PHP/MySQL, Python, HTML, CSS, JavaScript
* Developed web application using ASP, XHTML, JavaScript, and MSSQL.

**EDUCATION:**

**Bachelor of Technology in Electrical and Electronics Engineering**

Jawaharlal Nehru Technological University, Hyderabad, India.