

N. Prameela

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Objective

In quest of assignments in the Build and Release activities to deliver solutions for efficient product development and Application Services & delivery to the client. Want to be a key driving force in the growth of the organization, by utilizing my sleek skills to facilitate the business process and objectives that will ultimately help the business house to achieve the goal at the earliest.

Professional Summary

- A result-oriented professional with **4+ years of Experience in DevOps** practices including source code management systems, build automation, continuous integration and continuous deployment, monitoring, cloud administration, and automation, container orchestration in the banking and insurance domain.
- Use **Ansible** for patching of Linux servers, Configuration deployments, code deployments, and roll back
- Defined the Continuous Integration process using **Jenkins**. Defined the pipeline stages for Code build, code test, code analysis, and code deployment.
- Involved in migration of servers from on-premises to AWS environment.
- Involved in environment setup on Development, QA, and UAT environments and managed the automated deployments using scripts.
- Experience in monitoring the environments and troubleshooting the issues on day to day number of applications from the orchestration engine Jenkins.
- Worked on Jenkins pipeline as a code model of setup and used groovy scripts to automate the pipeline setup.
- Notable Experience in administering and supporting Windows and Linux environments..
- Creating and Managing the AWS VPC Services.
- Hands-on experience on AWS S3, EC2, IAM, CloudWatch, SNS, Code Commit, Developers Tools, Etc....
- Hands-on experience in Auto Scaling and Load balancers.
- Worked on Infrastructure as a code automate a process on AWS.
- Source control management on GIT. Managing Branching, Merging, Labeling/Tagging, and Integration with CI tools.
- Worked on Automation scripts using the shell.
- Good interaction with developers, managers, and team members to coordinate job tasks and a strong commitment to work.
- Good knowledge on Docker like Installation of Docker, Docker-Compose and Maintaining Docker Registry Images, Creating Containers, providing networks and providing the Storage volumes etc.
- Good Knowledge on Configuration Management Tool like Ansible (writing playbooks, maintaining Inventory Files, YAML Scripting etc.)
- Having experience in Installation and configuration of web servers like Apache HTTPD, NGINX etc.
- Implementing and managing the Continuous Integration systems using JENKINS.
- Administration of GIT, JENKINS, Artifactory Instances.
- Worked on Kubernetes orchestration tool, like setting up Kubernetes Cluster on Cloud Environment i.e., Minikube, KubeADM clusters.

- Hands on experience on AWS Cloud Environment- creating EC2 Instances, Creating VPC and Subnets, Creating IAM user roles, Creating S3 Buckets and Volumes using Terraform.
- Managed the build dependency issues, connectivity issues, authentication setup for different tools and resolving the access issues, mentoring the teams for best practice way of using the DevOps tools
- Worked and Supported Deployments into multiple Application Servers like **Tomcat**.
- Setup automated deployments to windows and Linux environments using scripts.
- Experience in Issue Tracking tool **JIRA**.
- Strong **Troubleshooting skills** in debugging build failures and deployment failure issues.
- Ability to communicate effectively and precisely to the customers.
- Strong Work Ethic with good interpersonal and organizational skills.
- Ability to keep calm under pressure situations and prioritize the work needed for delivery.

Technical Skills

Operating systems	Linux and Windows.
CI Tools	Jenkins.
SCM Tools	SVN, GIT (GITHUB, Bit bucket).
Build Tools	Maven.
Scripting Languages	Shell Scripting.
Configuration Management tool	Ansible.
Cloud	AWS.
Application Servers	Tomcat.
Web Servers	Apache.
Artifact Management	Nexus
Code Coverage	Sonar
Development Methodologies	Agile and waterfall
Bug tracking tools	JIRA
Container technology	Docker.
Monitoring	AWS Cloud Watch

Organization Summary

Working as a DevOps Engineer in **Vircep Calling Solutions**, Hyderabad from **August 2020** to till date.

Worked as a Software Engineer at **Wipro**, Hyderabad from **September 2015** to **July 2018**.

Work History

CLIENT: Chipcom Systems Inc.

ROLE: DevOps / Configuration Engineer.

Description: Its primary areas of business are financial information and analytics. Chipcom System Inc. Financial Ratings provides independent investment research including ratings on various investment instruments. Chipcom System Inc. Financial Market Intelligence is a provider of multi-asset class and real-time data, research, news and analytics to institutional investors, investment and commercial banks, investment advisors and wealth managers, corporations, and universities. Subsidiaries include Leveraged Commentary & Data.

Responsibilities:

- ✓ Focused on automation, containerization, and integration monitoring, and configuration management.
- ✓ Streamlined applications delivery to get applications out to customers faster.
- ✓ Developed and implemented software release management strategies for various applications according to the agile process.
- ✓ Used SVN and GIT as source code repository and Involved in migrating from SVN to GIT.
- ✓ Created release branches in GIT by GIT Administration including branching, reporting, and assisting with project and end-user support.
- ✓ Managed the GIT using the Nexus tool to automate the build process and used the same to share the snapshots and releases of internal projects.
- ✓ Used PowerShell for DevOps in Windows-based systems.
- ✓ Performed integration of Code Quality Analysis techniques - Check style, Find bugs with CI tools like Jenkins.
- ✓ Create and set up an automated nightly build environment for java projects using maven.
- ✓ Build scripts using ANT and MAVEN build tools in Jenkins to move from one environment to another environments.
- ✓ Managed Sona-type Nexus repositories to download the artifacts (jar, war & ear) during the build.
- ✓ Used Puppet and Chef for Configuration Management tool.
- ✓ Used Shell scripts to automate the deployment process.
- ✓ Deployed java applications to application servers in an agile continuous integration environment and also automated the whole process.
- ✓ Responsible for installing Jenkins master and slave nodes.
- ✓ Configured Git with Jenkins and schedule jobs using the POLL SCM option.
- ✓ Created the build scripts using Maven for Java projects. Automating the build process by configuring Subversion for projects. Build tracking so that whenever a defect is detected, developers will be able to track the source code. Handling Environment issues in Linux boxes.
- ✓ Worked on infrastructure with Docker containerization.
- ✓ Kubernetes is being used to orchestrate the deployment, scaling, and management of Docker Containers.
- ✓ Worked on Micro Services deployments on AWS ECS and EC2 instances
- ✓ Implemented build stage- to build the microservice and push the docker container image to the private docker registry.
- ✓ 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 deploy.
- ✓ Developed microservice onboarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
- ✓ Experience in Deployment Automation & Containerization (Docker, Kubernetes).
- ✓ Creating Ansible Playbooks, to Deploy VM and install the Components as per requirements.
- ✓ Automated the build and release management process including monitoring changes between releases.
- ✓ Configure, monitor, and automated cloud-based service Amazon Web Services.
- ✓ Created and managed custom Windows and Linux based AMIs
- ✓ Involved in deploying the content cloud platform on Amazon Web Services using EC2, S3, and EBS.
- ✓ Used SonarQube to help maintain the source code quality.

- ✓ Deploy Open Stack environments through automated tools, Ansible /custom pipeline.
- ✓ Working with DevOps practices using AWS, Elastic Beanstalk, and Docker with Kubernetes.
- ✓ Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.
- ✓ Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- ✓ Worked on PL/SQL database objects tables, views, sequences, triggers, Procedures, Functions, Triggers, Cursors, Exceptions Partitions, analytical functions, views, Indexes, and global temporary tables, etc.
- ✓ Developed, maintained, and distributed release notes for each scheduled release.
- ✓ Kept track of all releases and requests of the developers through an infrastructure management tool.

CLIENT: Union Bank of Switzerland.

ROLE: DevOps / Configuration Engineer.

Description: V A part of UBS (Union Bank of Switzerland) account in BFSI domain. Covers nearly all areas in wealth and banking, including life insurance, general insurance, commercial insurance, Compulsory Third Party, banking, finance, agricultural banking and business banking, the notable exception being health insurance data accuracy.

Responsibilities:

- ✓ Provided Configuration Management and Build support for more than 15 different applications. Build and automated deployed to the staging and lower environments.
- ✓ Defined and Implemented Configuration Management and Release Management Processes, Policies, and Procedures.
- ✓ Manage and configure AWS services as per the business needs (ELB, SES, EC2, Route53, S3, Cloud Watch, IAM, VPC, and Cloud formation.
- ✓ Setup and Managing VPC, Subnets, make a connection between different zones.
- ✓ Creating snapshots, AMIs, Elastic IPs, and managing EBS volumes.
- ✓ Set up load balancers and Auto Scaling for the application.
- ✓ Creating and Monitoring the application and services in Cloudwatch.
- ✓ Set up the Alarms and rules in Cloudwatch.
- ✓ Code-level application security (IAM roles, credentials, encryption, etc.)
- ✓ Configure horizontal scaling: Scale in and out using Auto Scaling, add and remove instances as needed to handle the growing workload.
- ✓ Create/Managing buckets on S3 (CLI) and store DB and logs backup, upload images for CDN serve.
- ✓ Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
- ✓ Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA, and deployment tools.
- ✓ Configure jobs and pipelines using Jenkins, troubleshoot problems arising from Build failures and Test failures.
- ✓ Specialized in automating tasks and processes through scripts, implementing branching models, implementing.
- ✓ Rolled out puppet to all servers, and used the puppet database to drive host configuration, monitoring.
- ✓ Written the puppet manifest to build the configuration on the agent nodes.
- ✓ Build, Configure, Manage, and Coordinate all Build and Release Management activities.
- ✓ Expertise with UNIX and Windows environments including shell and python scripts.
- ✓ Developing build and deploy tools to make a smooth pipeline transition from Dev to Production.
- ✓ Upgrading Jenkins and deploy on Tomcat on the existing applications. Configuring LDAP authentication with the existing software structure (Jenkins).
- ✓ Implemented parallel deployment successfully on the Jenkins.
- ✓ Deployment of the Business processes by creating JAR, WAR, and EAR files to web sphere Application Server
- ✓ Built, configured, and supported Application team environments.
- ✓ Maintained and upgraded Jira issue tracker, Sonar code review tool.
- ✓ Experience installing, configuring, and upgrading Tomcat & web sphere application server.

- ✓ Implemented & maintained the branching and build/release strategies utilizing Subversion and GIT.
- ✓ Used Ant, Maven as a build tool on java projects for the development of build artifacts on the source code.
- ✓ Managed Version Control Subversion (SVN) and Bit bucket Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
- ✓ Coordination of code merges and deployments with DEV and QA teams. Collaboration with Development, QA, and other teams to ensure a smooth transition of deliverables through proper release channels.
- ✓ Automated deployment of build artifacts from Jenkins into pipeline environments.

CLIENT: EazyPharma

ROLE: DevOps / Configuration Engineer.

Description: The Pharmacy software comprises of four parts like Item Sale, Item Purchase, Purchase Return and Sales Return. This software was developed for the need of Pharmacy stores. A pharmacist can keep track of the items which are all being sold by using Item Sale screen. By using item purchase, a pharmacist can maintain the details of drugs, which are regularly taken from a wholesaler. He can maintain the returned drugs from customer and to wholesaler by using Sales Return and Purchase Return forms. Respective reports like sales wise, purchase wise are generated by using this software. Required date is put into database using Admin module screens.

Responsibilities:

- ✓ Automate the build Process Using Maven and Jenkins
- ✓ Defined and Implemented Configuration Management and Release Management Processes, Policies, and Procedures.
- ✓ Manage and configure AWS services as per the business needs (ELB, SES, EC2, Route53, S3, Cloud Watch, IAM, VPC, and Cloud formation.
- ✓ Setup and Managing VPC, Subnets, make a connection between different zones.
- ✓ Creating snapshots, AMIs, Elastic IPs, and managing EBS volumes.
- ✓ Set up load balancers and Auto Scaling for the application.
- ✓ Creating and Monitoring the application and services in Cloudwatch.
- ✓ Set up the Alarms and rules in Cloudwatch.
- ✓ Code-level application security (IAM roles, credentials, encryption, etc.)
- ✓ Configure horizontal scaling: Scale in and out using Auto Scaling, add and remove instances as needed to handle the growing workload.
- ✓ Create/Managing buckets on S3 (CLI) and store DB and logs backup, upload images for CDN serve.
- ✓ Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
- ✓ Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA, and deployment tools.
- ✓ Configure jobs and pipelines using Jenkins, troubleshoot problems arising from Build failures and Test failures.
- ✓ Specialized in automating tasks and processes through scripts, implementing branching models, implementing.
- ✓ Rolled out puppet to all servers, and used the puppet database to drive host configuration, monitoring.
- ✓ Written the puppet manifest to build the configuration on the agent nodes.
- ✓ Build, Configure, Manage, and Coordinate all Build and Release Management activities.
- ✓ Expertise with UNIX and Windows environments including shell and python scripts.
- ✓ Developing build and deploy tools to make a smooth pipeline transition from Dev to Production.
- ✓ Upgrading Jenkins and deploy on Tomcat on the existing applications. Configuring LDAP authentication with the existing software structure (Jenkins).
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- ✓ Experience installing, configuring, and upgrading Tomcat & web sphere application server.
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- ✓ Used Ant, Maven as a build tool on java projects for the development of build artifacts on the source code.
- ✓ Managed Version Control Subversion (SVN) and Bit bucket Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
- ✓ Coordination of code merges and deployments with DEV and QA teams. Collaboration with Development, QA, and other teams to ensure a smooth transition of deliverables through proper release channels.
- ✓ Automated deployment of build artifacts from Jenkins into pipeline environments.
- ✓ Worked closely with customers, developers and testing teams during all phases of the project.

Academic information

M.Tech(CSE) with 74.3% from JNTU in 2015, Hyderabad, Telangana.

B.Tech(CSE) with 76.8% from JNTU in 2012, Hyderabad, TS.

12th with 97.6% from Intermediate Board, Hyderabad, TS.

10th (SSC) with 89.9% from Shatavahana High School, Jagtial, TS.

Declaration

I do hereby declare that all the information given above regarding me is true to the best of my knowledge and belief.

(Prameela)

Place: - Hyderabad

Sign