
Experience Overview:

- A seasoned IT professional having 9 Years of experience as **DevOps Engineer** which primarily includes development of product Build & Release process. Served as **Build and Release Engineer** for several clients across the globe on numerous projects with a great degree of success in meeting the milestones.
- Specialized in **review and support of builds, deploys** software applications to integration, quality control, staging and release levels, and **identifies** release risks and further works to resolve, alleviate or escalate.
- Drives process improvements throughout the project cycle and release process, encouraging standardization, consistency, repeatability, and predictability.
- Hands-on experience Designing, planning and implementation for existing On-Prem applications to Azure Cloud (ARM), Configured and deployed Azure Automation Scripts utilizing Azure stack (Compute, Web and Mobile, Blobs, ADF, Resource Groups, Azure Data Lake, HDInsight Clusters, Azure Data Factory, Azure SQL, Cloud Services and ARM), Services and Utilities focusing on Automation.
- Expertise in creating complex and custom IAM policies, Roles, and user management for delegated users within AWS and experience in developing AWS Cloud Formation templates to create custom sized VPC, Subnets, EC2 instances, ELB and security groups.
- Have good experience in triggering CloudWatch alarms and specified thresholds with metrics and notified by creating subscribers by using SNS.
- Strong understanding in cloud platforms (IaaS, PaaS, SaaS).
- Expertise in converting AWS existing infrastructure to server less architecture (AWS Lambda) and deployed via Terraform or AWS Cloud formation.
- Extensively Worked on Hudson, Jenkins and Bamboo for continuous integration and for End to End automation for all build and deployment.
- Have experience in integrating Jenkins with various tools like Maven (Build tool), Git (Repository), SonarQube (code verification), Nexus (Artifactory) and implementing CI/CD automation for creating Jenkins pipelines programmatically architecting Jenkins Clusters.
- Proficient in setting up and configuring Baselines, Branching, Merging, Backup through GIT and Subversion.
- Good experience in Terraform for building, changing, and versioning of Infrastructure and wrote Templates for AWS infrastructure as a code using Terraform to build staging and production environments.
- Have Experience in using the container based Virtualized deployments using Docker, working with Docker images, Docker hub and Docker registries and creating Docker containers from existing Linux servers and saving it to Docker hub.
- Hands on experience on Kubernetes for container management that runs Docker containerized applications in a cluster of EC2 instances on Linux Environment.
- Experience in application deployments & environment configuration using Ansible, Chef and Puppet.

- Expertise in writing Ansible/Chef playbooks/recipes to automate infrastructure as a code.
- Experienced in Relational database configuration and management experience (Oracle, SQL Server, MySQL, PostgreSQL) and Non-relational-NOSQL database experience (Cassandra, MongoDB).
- Experienced in monitoring tools like Nagios, Sensu, New Relic, and ELK Languages/Scripts (Elastic Search, Log stash, Kibana) and Splunk.
- Experienced in installation and configuration of Apache, Nginx, Tomcat, WebSphere, web and application servers.
- Exposed to all aspects of software development life cycle (SDLC) and Agile Programming Methodologies of the projects. Ability to build deployment, build scripts and automated solutions using Python, Ruby, YAML, JSON, BASH.
- Expertise in working with different Bug Tracking Tools like JIRA, Clear Quest and Quality center.

Work Experience:

➤ Presently working with **BNP PARIBAS INIDA Pvt Ltd.**

- Designation : Associate Consultant
- Duration : April 2017 to Present

Professional Summary:

- Experience in coordinating, planning and communicating **release** component schedules.
- Experience in software product configuration management using **GIT** and **Build & Release** process.
- Expertise in managing **GIT** source-code and Artifactory build-artifact repositories.
- Familiar with **Automation** of builds by creating **bamboo** jobs and migration of automated builds to Hudson/Jenkins.
- Expertise in **Maven Build Tool**.
- Expertise in **AWS Administration**.
- Expertise in **Terraform**
- Expertise in **Docker and Kubernetes**
- Expertise in **Build and Release Management**.
- Experience in **Apache and Tomcat Administration**.
- Experience in **JIRA**.
- Experience in **Hudson & Jenkins**.
- Experience in **Shell scripting**.
- Experience in **python**.
- Experience in **EKS,ECS,ECR**

Qualification:

Bachelor of Technology (B.Tech) from **Bapatla Engineering College**, Acharya Nagarjuna University in the year 2010.

Technical Skill Synopsis:

▪ SCM Tool	:	Subversion (Version Control),GITLAB
▪ Build Tool	:	Ant,Maven
▪ Bug Tracking Tool	:	JIRA.(Ticketing Tool)
▪ Continuous Integration Tools	:	Jenkins/Hudson
▪ Web Server	:	Apache
▪ Application Server	:	Tomcat, Weblogic
▪ Operating Systems	:	MS-Windows, Red-hat Linux, Solaris
▪ Cloud	:	AWS , terraform
▪ Scripting	:	Shell scripting, Python
▪ Virtualization	:	Docker, kubernetes

Projects -3: ACETP

Title	: ACETP
Client	: BNP Paribas, Chennai
Role	: DevOps Engineer
Duration	: April 2017 to till date (Permanent BNP Paribas India Pvt Ltd) Dec 2014 to March 2017 (Contract InfraSoft India Pvt Ltd)
Company	: BNP Paribas India Pvt Ltd
Team Size	: 50
Environment	: Subversion, Web-logic, Jenkins, Maven, Linux, Shell Scripting, AWS, Terraform , kubernetes ,Docker,GIT

Description:

ACETP is a single settlement proprietary platform designed and developed by BNP PARIBAS. The central agenda of the platform is to enable new direct settlement and custody models and new services for the clients in continental Europe and across the world. Our team at Chennai is an integral part of a dedicated global central IT team that supports and maintains the core functional operations and evolutions of the platform. The team in the local branch work with professionals located in France to provide technical expertise to define their specific local day-day operational requirements and test their implementation.

Roles and Responsibilities:

- As DevOps engineer in my team I have a responsibility in configuring Jenkins jobs in such a way that fetches source code from Git repository.
- Integrated Git, Jenkins and maven in accomplishing continuous integration and configured Jenkins with Poll SCM build trigger.
- Automated various infrastructure activities like Continuous Deployment using Ansible playbooks and has Integrated Ansible with Jenkins on Azure.
- Created Azure key-vault in order to store all the credentials for SQL databases and for API keys.
- Used Ansible to provision Azure services and managed those nodes.

- Involved in writing test scripts, test cases, test specifications and test coverage and implemented the unit tests using Python Unit Test (PyUnit) library.
- Develop automation and processes to enable teams to deploy, manage, configure, scale, monitor applications in Data Centers and in AWS Cloud.
- Implemented a Continuous Delivery pipeline with Docker, Microservices, Jenkins and GitHub, Maven, Ansible.
- Responsible in deploying war files in tomcat.
- Used MAVEN, as build tool on Java projects for the development of build artifacts.
- Wrote several shell scripts to parse the logs and generate reports.
- Install & configure Apache Web server, Tomcat, WebLogic Application servers to meet the business user's needs and requirements.
- Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
- Configured Docker container for branching purposes and Implemented Docker automation solution for Continuous Integration and Continuous Delivery model.
- Enabled automated continuous container deployment using Jenkins and containerizing runtime deployment platform in Kubernetes.
- Worked in creating DevOps strategy in a mix environment of Linux (RHEL, CENTOS) servers and Windows along with Amazon Web Services.
- Configured, supported and maintained all network, firewall, storage, load balancers, operating systems, and software in AWS EC2.
- Configuring of Virtual Private Cloud (VPC) with networking of subnets containing servers.
- Install/configure and maintain Apache on Ec2 instance, Red hat and Ubuntu.
- Defined dependencies and plugins in MavenPOM.xml for various activities and integrated Maven with GIT to manage and deploy project related tags.

Projects -2: RBC

Title	: RBC
Client	: RBC bank, CANADA
Company	: TAGIT INDIA Pvt Ltd
Duration	: Nov 2013 to September 2014
Role	: Devops Engineer
Team Size	: 15
Environment	: Subversion, Jboss, Weblogic, Jenkins, ANT, Linux, Shell Scripting

Description:

RBC Mobile banking app for Android, IOS, BlackBerry. This app provides all banking functionality like Bill payments of electricity bill, mobile bill, internet bill etc. Funds transfer to same bank account and other bank accounts, Social media notifications on facebook and outlook. Alert messages to mobile for debit and credits transactions to

mobile and email notification to the account holders personal or work email account. Offers the features like transaction history, status and statements. Provides information of nearby ATM location. It provides schedule transactions for every month if any EMI or recurring monthly payments.

Roles and Responsibilities:

- Administration of subversion in Linux.
- Creating the jar files for all modules using Jenkins.
- Deploying the Jar artifacts in the server using Jenkins and restarting the server.
- Creating client build for Android and installing the app on device.
- Creating IOS build using Jenkins and installing the app with i-phone IOS configuration utility.
- Creating Black Berry build with Jenkins and installing the app on to the device.
- Performing the basic Sanity Test for Android, IOS and Black Berry.
- Verifying the logs in the event of build failure.
- Reporting and updating status of deployment to corresponding stake holders.
- Mobeix deployment using Jenkins.
- Creating new environment if any new environment comes up.
- Creating Jenkins job for environment Specific QA, SIT, UAT.
- Configuring the jars in Web-logic console and Creating managed servers.
- Creating new Data Source in Web-logic console.
- Co-ordinating with Dev Team for release files and preparing release notes.
- Keeping track of release files for every release.
- Creating Tag in SVN for each and every release.
- Copying the client builds in to fileserver and copying the links of files server.
- Sending mail to QA Team along with file server links for verification.
- Creating back up of Database.
- Running SQL scripts for inserting data and deleting data from tables.
- Generating insert SQL files from existing tables using SQL developer tool.

Projects -1: HMIS

Title	: Health Management Information Systems (HMIS)
Role	: Build & Release Engineer
Team Size	: 6
Company	: CMC LTD (TATA Enterprise)
Duration	: Sep 2011 to Jun 2012
Environment	: Subversion, Tomcat, Jenkins, Ant, Linux, Shell Scripting

Description:

Health Management Information Systems (HMIS) are one of the six building blocks essential for health system strengthening. HMIS is a data collection system specifically designed to support planning, management, and decision making in health facilities and organizations.

Roles and Responsibilities:

- SVN Server /client planning, installations and upgradation on Unix machine
- Creating and Managing Repository and Branches.
- SVN Server /Repository Backups & Restoration process
- Helping users on day to day activities involving Check In, Checkout, Branching problems, and user's access control.
- Maintaining the version control of deployable artifacts for given release.
- Building the source code using Ant utility.
- EAR/WAR files Build and Deployment. Restart server once the deployment is completed.
- Deploying the artifacts in to servers for Sanity Test.
- Developing shell scripting for deployments in to servers.
- Verifying the logs in the event of build failure.
- Reporting and updating status of deployment to corresponding stake holders.
- Coordinating and documenting the reason for failure to developers.
- Implementing continuous integration (CI) using Jenkins.
- Creating jobs in Jenkins, running the jobs as per build calendar.
- Sending mails through Jenkins in the event of job failure.
- If any plugins are required configuring the plugins to Jenkins.
- Scheduling the nightly builds in Jenkins.
- Maintaining the release tracker.
- Creating the release notes for given release and follow up with the team to create Release bundle.
- Automated the regular tasks in Sub versioning and streamlining the process of access to SVN.
- Developed build and deployment scripts using ANT and MAVEN as build tools in Hudson to move from one environment to other environments.
- Worked with product development to resolve build-related issues in all projects and provided support for the Application issues.
- Responsible to perform Build operation with ANT Scripts, according to the required requirements.
- Based on the requirements to share artifacts within company, configured the host, Proxy and Virtual repositories.
- Performed database deployment activities like execution of Database scripts.
- Dealt with JIRA as ticket tracking and work flow tool.
- Releasing code to testing regions or staging areas according to the schedule.