**Ripunjaya B**

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**Professional Summary:**

* Having 7 years of experience in DevOps, Configuration Management, Build Engineering and Release Management processes, including Building binaries, end-to-end code configuration, and deployments of artifacts for entire life cycle model in Enterprise Applications.
* Involved in designing the Infrastructure for Devops and provisioning the Cloud services like Load balancer, Cluster etc.
* Experience in branching, tagging and maintaining the version across the environments using SCM tools like Subversion (SVN), CVS and GIT, Bitbucket and GitHub on, LINUX, UNIX and Windows environment.
* Hands-on experience in migration of one Business from a physical data center environment to AWS.
* Expertise in AWS Resources like EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Formation, Cloud Watch, Security Groups.
* Worked at optimizing volumes and EC2 instances and created multiple VPC instances. And Deploy and monitor scalable infrastructure on Amazon web services (AWS).
* Implemented Continuous Integration and deployment using various CI Tools like Jenkins, Bamboo and Sonar type Nexus.
* Strong hands on experience in scripting languages such as Groovy, JSON, YML, Shell scripting.
* Experienced with orchestration and configuration management tools like Ansible and Chef, I am much Passionate about automation. Automating the systems, configuring the servers and orchestrating the deployments with Ansible
* Experience with Build Management tools Ant and Maven for writing build. xmls and pom. xmls respectively.
* Experience in creating Docker images using Docker file, backup using snapshots and managing the images and Docker volumes, written JSON format scripts to automate and integrate Docker with Kubernetes.
* Extensively worked on uDeploy for continuous integration and for End to End automation for build and deployments.
* Exposure to distributed systems and networks mainly, RedHat Enterprise Linux, Ubuntu, Windows and multi-cloud infrastructure platforms AWS.
* Implemented Kubernetes to deploy scale, load balancer, scale and manage docker containers with multiple name spaced versions.
* Implemented a production ready, load balancer, highly available, fault tolerant Kubernetes infrastructure.
* Extensively worked on Jenkins, Docker for continuous integration and for End to End automation for all build and deployment.
* Worked with Bug tracking tools like JIRA, Rally, and Service Now. Experience in Agile, Scrum and Waterfall methodologies.

**Technical Skills:**

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| Operating Systems | Windows, Mac OS X, UNIX, LINUX (RHEL), RedHat, CentOS, Fedora |
| Versioning Tools: | Git, SVN,Tortoise Git |
| SCM | GitHub, BitBucket |
| CI/CD Tools | Hudson , Jenkins, Bamboo, Teamcity |
| Build Tools | ANT, MAVEN, GRADLE |
| Configuration tools | Ansible, Chef |
| Iac | Terraform |
| Scan Tools | Fortify, Sonarqube |
| Bug Tracking Tools | JIRA, Rally, Remedy |
| Languages/Scripting  | Python, Power Shell scripting |
| Web servers  | Web logic, Web Sphere, Apache Tomcat, JBOSS |
| Cloud Platform | AWS |
| Others | MS Outlook, Agile, SCRUM, Load Balancing – HA Proxy |

**Experience:**

**FIS Global, Dallas, TX**

**Sr. AWS DevOps Engineer**

**June 2019 - Present**

**Responsibilities:**

* Responsible for Devops Infrastructure in the process of building Ec2-instances with Automation scripts with the required packages.
* Developed deployment scripts (templates and YAML files)to deploy the Microservices Applications on the EKS cluster
* Worked on AWS Resources like EC2, S3, EBS, VPC, ALB, AMI, SNS, RDS, IAM, Route 53, KMS and Secret Manager, Cloud Formation, Cloud Watch.
* Worked on various source code management activities using GIT involving branching, Pull request, merging strategy, daily merges and remote repository.
* Worked on Jenkins for continuous integration and continuous Deployment for End-to-End automation for all build and deployment of Applications.
* Recommended, Scheduled and performed software and hardware improvements, upgrades, patches, reconfigurations.
* Excellent understanding of scripting in languages like Ruby, Groovy, YAML and Bash.
* Worked on Application Migration and Data Migration from On-Premise to AWS Cloud
* Configured SSO PingID Authentication and LDAP group configurations in both Non-Prod and Prod environments for Jenkins server.
* Experience in Continuous integration tools like Jenkins. Installing, configuring and administering Jenkins and scheduled jobs using POLL SCM and Web-hooks option.
* Used Ansible as Configuration Management tool for installing all the software’s on compute nodes.
* Built end to end CI/CD Pipelines in Jenkins to retrieve code, compile applications, perform tests and push build artifacts to Nexus and integrated Jenkins with the version control tools to pull the latest pushed code.
* Worked with built-in Groovy scripting console for creating groovy scripts in Jenkins.
* Generated the reports frequently as part of project to detect the Vulnerabilities after Scanning the Source Code with the FOTIFY Application.
* Provisioned the ECR Repositories for Individual Applications to publish the Docker images with the Terraform script From CI/CD pipeline.
* Experience working on migrating applications from internal data center to AWS instances by setting Security Groups, Application Load Balancer and AMIs, Auto Scaling to design cost effective, fault tolerant and highly available systems
* Experience in using IAM to create and manage AWS users and groups, to allow permissions and adding policies.
* Built and managed a large deployment of Ubuntu Linux instances systems with Chef Automation and written recipes, tools, shell scripts and monitoring checks.
* Configured Application Life Cycle Management (ALM) tools like JIRA, Trello to track the progress of the project
* Provided the documentations for the activities done and uploaded in a confluence for the future use.

**Equifax Inc., Atlanta, GA**

**Oct 2017 – May 2019**

**AWS Devops Engineer**

**Responsibilities:**

* Experience in Software Integration, Configuration, building, automating, managing and releasing code from one environment to another environment and deploying to servers
* worked-on AWS Resources like EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, , Cloud Formation, Cloud Watch, building custom workflows, rules, policy, provisioning in IAM, KMS and Secret manager
* Worked on configuring Amazon EC2, Amazon S3, Amazon Elastic Load Balancing IAM and Security Groups in Public and Private Subnets in VPC
* Managed network security using Load balancer, Auto-scaling, Security groups and NACL.
* Experience in Python programming for deployment of Java applications and implementation and automation of Shell scripts for release and build automation
* Worked on creating Snapshots, volumes for RDS servers and Ec2-instance and also Detaching and Attaching the volumes.
* Responsible for Designing and implementation of the DevOps solution using tools like Git, Jenkins, SonarQube, Nexus and Groovy scripting and AWS
* Experience in migrating build.xml into pom.xml to build the applications using Apache MAVEN
* Extensively worked 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.
* Experience in writing Ansible playbooks. Experience in working with GIT to store the code and integrated it to Ansible Tower to deploy the playbooks.
* Used Chef for configuration management of hosted Instances within AWS, Configuring and Networking of Virtual Private Cloud (VPC).
* Used groovy scripts for CI/CD pipeline builds and actively involved in the entire pipeline setups and Jenkins configurations.
* Responsible for build and deployment automation using AWS, Docker, Kubernetes containers and Chef and Configured Docker container for branching purposes and Implemented Docker automation solution for Continuous Integration / Continuous Delivery model.
* Automating the systems, configuring the servers and orchestrating the deployments through Ansible.
* Collaborated with development team to troubleshoot and resolve the issues.
* Developed Chef Cookbooks to manage system configuration and for Tomcat, MySQL, Windows applications and versioned them on GIT repositories and Chef Server
* Created users, roles and groups using Identity Access Management (IAM) and attached the required policies.
* Scripting of administration tasks using CLI, Power Shell, Shell and Ruby. Built upstream and downstream jobs in Jenkins to build and deploy onto different environments.

**Comcast, Denver, CO**

**DevOps/AWS Engineer**

**Jan 2016 – Aug 2017**

**Responsibilities:**

* Experience in Software Integration, Configuration, building, automating, managing and releasing code from one environment to another environment and deploying to servers
* Extensive experience on configuring Amazon EC2, Amazon S3, Amazon Elastic Load Balancing IAM and Security Groups in Public and Private Subnets in VPC and other services in the AWS**.**
* Wrote Groovy Scripts to create DSL job templates for various environments and Scriptler allows you to store/edit/execute groovy scripts on any of the slaves/nodes in Jenkins.
* Managed network security using Load balancer, Auto-scaling, Security groups and NACL.
* Experience in Python programming for deployment of Java applications and implementation and automation of Shell scripts for release and build automation
* Experience in migrating build.xml into pom.xml to build the applications using Apache MAVEN
* Engineered Splunk to build, configure and maintain heterogeneous environments and maintained log analysis generated by various systems including security products.
* Extensively worked 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.
* Experience in working with GIT to store the code and integrated it to Ansible Tower to deploy the playbooks.
* Used Chef for configuration management of hosted Instances within AWS, Configuring and Networking of Virtual Private Cloud (VPC).
* Responsible for build and deployment automation using AWS, Docker, Kubernetes containers and Chef and Configured Docker container for branching purposes and Implemented Docker automation solution for Continuous Integration / Continuous Delivery model.
* Automating the systems, configuring the servers and orchestrating the deployments through Ansible.
* Created and implemented chef cookbooks for deployment and used Chef Recipes to create a Deployment directly into Amazon EC2 instances
* Developed Chef Cookbooks to manage system configuration and for Tomcat, MySQL, Windows applications and versioned them on GIT repositories and Chef Server
* Created users, roles and groups using Identity Access Management (IAM) and attached the required policies.
* Scripting of administration tasks using CLI, Power Shell, Shell and Ruby. Built upstream and downstream jobs in Jenkins to build and deploy onto different environments.

**Delta Airlines, Atlanta, GA.**

**DevOps Engineer**

**Jan 2014 – Oct 2015**

**Responsibilities:**

* Hands -on experience in using different source code version control tools like GIT, Subversion and code deployments to QA, Stage & Production environments.
* worked-on AWS Resources like EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Formation, Cloud Watch, Security Groups and building custom workflows, rules, policy, provisioning in IAM.
* Responsible for configuring the shared library functions using groovy scripts for Jenkins pipeline as a code for CI/CD.
* Responsible for Deployment Automation using multiple tools Chef, Git, Jenkins and Maven scripts.
* Setting up the build and Deployment Automation for Java based projects by using Jenkins and Maven tools.
* Managing build infrastructures environment setups and monitoring daily operations in Jenkins andenhancing/troubleshooting issues/problems coordinating with clients and ensuring the smooth delivery of the projects.
* Designed and Implemented Subversion and Git metadata including elements, labels, attributes and hyperlinks.Setting up the SVN and Git repos for Jenkins build jobs.
* Responsible for design and maintainance of Subversion/Git repositories, views and the Acess control strategies. Created post commint and pre-push hooks using python in SVN and Git repos
* Expertise in areas of Jenkins such as Plugin Management, Securing and scaling Jenkins, integrating Code Analysis, Performance issues and worked with test Phases to complete the CI/CD pipelines within Jenkins.
* Worked on Jenkins, Docker for continuous integration and for End-to-End automation for all build and deployment.
* Provided technical support for the Developers and testers during the project.
* Troubleshooting Deployment and installation issues and automated build process using Jenkins.
* Expertise on one of the projects and issue tracking tools in Agile development called JIRA
* Experience in Configuring and deploying to Application servers WebLogic and WebSphere.