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#### PROFILE SUMMARY:

- Skilled professional with around **5+ years** of experience in **CI/CD** (Continuous Integration / Continuous Deployment) process, Strong background in Linux/Unix Administration, Build and Release Management and Cloud Implementation all within that suites the needs of an environment under DevOps Culture(DEV/TEST/STAGE and PROD).
- Skilled in designing and deploying applications using DevOps activities such as Continuous growth, Continuous Integration (CI), and Continuous Deployment (CD) in runtime with tools such as **Git, Maven, VSTS, Jenkins, Ansible, Chef, Docker, Kubernetes**, and managing cloud services with Goggle Cloud(**GCP**), **Azure**, and Amazon Web Services (**AWS**).
- Years of experience in administrating of **IAAS&PAAS** Virtual Machines and Web/Worker roles on Microsoft **Azure**,Google Cloud Platform(**GCP**) and Resource Manager and troubleshooting issues on **Azure** VMs.
- Involved in designing and deploying applications utilizing almost all the **AWS** stack (Including **EC2, S3, Route53, ELB, EBS, VPC, RDS, DynamoDB, SNS, SQS, IAM, KMS, Lambda, Kinesis**) and focusing on high-availability, fault tolerance and auto-scaling in **AWS** Cloud Formation, deployment services (OpsWorks and Cloud Formation) and security practices (IAM, CloudWatch, CloudTrail RedShift, DynamoDB, SNS, SQS, SES, **Kinesis** Firehose, **Lambda**, Cognito IAM).
- Hands on experience in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure Automation, it includes Amazon Web Services (**AWS**), **Ant, Maven, Jenkins, Chef, SVN**, and **Github**.
- Experience in migrating the **SQL** Server Database hosted on VMs to use Amazon RDS so that it can be easy to set up, operate and scale the deployments in the cloud.
- Experience in Google Cloud components, Google container builders and **GCP**client libraries, and cloud SDK's.
- Involved in JIRA as defect tracking system and configure various workflows, customizations and plugins for JIRA bug/issue tracker, integrated **Jenkins** with JIRA, **Github**.
- Expertise in Agile Testing Methodologies & Software Test Life Cycle (STLC).
- Proficient level of experience on DevOps essential tools like **Chef, Vagrant, Puppet, Ansible, Docker, Subversion (SVN), GIT, Hudson, Jenkins, Ant, Maven**.
- Experience in **Kubernetes** to deploy scale, load balance, and manage **Docker** containers with multiple names spaced versions using Helm charts.
- Experience in Automating, Configuring and deploying instances on **AWS** and **Azure** Cloud environments.
- Proficiency in using **Docker** Hub, **Docker** Engine, **Docker** images, **Docker** Weave, **Docker** Compose, **Docker** Swarm, **Docker** Registry, and used containerization to make applications platform when moved into different environments.
- Administration and managing of Red Hat OpenShift cluster with Red Hat Linux 7.x which includes installation, testing, tuning, upgrading, and loading patches, troubleshooting server issues on **AWS**.
- Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure Automation tools like **Git, Subversion, Maven, Jenkins, Chef, Puppet, Ansible, Terraform, Docker, Kubernetes**, and Nagios.
- Expertise in writing Bash Scripts, Pearl Scripts (hash and arrays), **Python** programming for deployment of **Java**applications on bare servers or Middleware tools.
- Written **Chef** Cookbooks, recipes to automate installation of Middleware Infrastructure like **Apache tomcat, JDK** and configuration tasks for new environments etc.
- DevOps role converting existing **AWS** infrastructure to Server-less architecture (**AWSLambda, Kinesis**) deployed via **terraform**.
- Hands on Experience on **Ansible** and **AnsibleTower** as Configuration management tool, to automate repetitive tasks and quickly deploy critical applications.
- Building/Maintaining **Docker** container clusters managed by **Kubernetes**, Linux, Bash, **GIT, Docker** on **GCP**. Utilized **Kubernetes**and **Docker**for the runtime environment of the **CI/CD** system to build, test deploy.
- Experience with **Terraform**or Cloud formation scripting including Infrastructure as code utilizing tools like **Terraform**, Cloud formation and Salt Stack.
- Experience in writing **Jenkins** Pipeline Groovy Scripts for Continuous Integration and build workflows and Used **Jenkins**uploading Artifacts into Nexus Repository.
- Building and maintaining systems in Windows**Azure** for development and production systems. This applies to standard VMs as well as other **Azure** services.
- Experience in interfacing with business analysis and UI/UX teams.

- Responsible for build and deployment automation using **Docker** and **Kubernetes** containers and **Chef**, Puppet and **Ansible**.
- Having good hands-on experience with Apache Kafka
- Provided planning, installing, configuring, and upgrading support for vRealize Automation & vRealize Orchestrator.
- Experience with capacity planning, continuous integration and application deployment using **Jenkins** and Subversion (**SVN**) and **GIT** for version control, **Maven** and **Ant** for Building and Packaging.
- Strong Knowledge/experience in creating **JENKINS** CI pipelines in to automate most of the build related tasks.
- Experience with setting up **Chef** Infra, bootstrapping nodes, creating, uploading recipes and cookbooks.
- Experience in keeping up and looking at log archives using monitoring tools like Nagios, Splunk, CloudWatch, ELKStack, Dynatrace, NewRelic, Prometheus, and **App dynamics**.
- Experience with Web Forms, HTML, XML, XPATH, CSS, AJAX, and **JavaScript**.
- Excellent hands-on development skills using **Java**, **C/C++**, **Python Programming** languages.

#### TECHNICAL SKILLS:

Cloud Environments	<b>Amazon Web Services (AWS), Azure, Google Cloud Platform (GCP)</b>
Infrastructure as Code	<b>Terraform, Cloud Formation</b>
Programming Languages	<b>Java, C, C++, Python, .Net, and PL/SQL</b>
Database	<b>MySQL, My SQL Server, Oracle 8i/9i, Azure</b>
Versioning Tools	<b>Git, Github, Gitlab, Subversion (SVN), and Bitbucket</b>
Containerization Tools	<b>AWS ECS, Docker, Kubernetes</b>
Orchestration Tools	<b>Kubernetes, Docker Swarm, Google Cloud Engine</b>
Networking Protocols	<b>TCP/IP, DNS, DHCP, WAN, LAN, FTP/TFTP, SMTP</b>
Application Servers	<b>WebSphere Application Server, Apache tomcat, Jboss, WebLogic</b>
Build Tools	<b>Maven, Gradle, Ant</b>
Operating Systems	<b>Windows, Linux (RedHat), macOS, Ubuntu</b>
CI Tools	<b>Jira, Jenkins, Chef, Puppet, Ansible</b>
Monitoring Tools	<b>Nagios, AWS Cloud Watch, Splunk, and ELK</b>
Web Development	<b>HTML5, CSS3, AJAX, XML, XPATH, and JavaScript, JSP, and jquery</b>
AWS	<b>EC2, S3, RDS, Elastic Beanstalk, CloudWatch, Code Commit, Code Build, Code Deploy, Code Pipeline.</b>
Scripting	<b>Shell Scripting, Groovy, Power Shell, YAML, Bash</b>
Frameworks	<b>MVC, TestNG, Junit, Spring Boot, Microservices</b>
IDE Platforms	<b>Eclipse, NetBeans, Microsoft Visual Studio</b>

#### WORK EXPERIENCE:

**Royal Bank Of Canada, Toronto, ON.**

**Dec 2019 - Till Date**

**Role: Cloud/DevOps Engineer.**

##### Responsibilities:

- Involved in DevOps migration/automation processes for build and deploy systems.
- Implemented continuous integration using **Jenkins**.
- Automated apache-web server configuration, DB server configuration, **SSSD** configuration **LAMP** by writing ruby cookbooks in **chef**.
- Managed **Chef** Server in pushing the infrastructure change to client nodes, monitoring the logs and security.
- Worked on using **Chef** Attributes, **Chef** Templates, **Chef** Recipes, and **Chef** Files for managing the configurations across various nodes.
- Worked on **AzureFabric**, **Micro services**, **IoT&Docker** containers in **Azure** and involved in setting up **Terraform** continuous build integration system. Used **Azure** Internal Load Balancer to provide high availability for **IaaS VMs & PaaS** role instances.

- Provisioning of **IAAS&PAAS** Virtual Machines and Web\Worker roles on **Microsoft Azure Classic** and **Azure Resource Manager**.
- Designed and configured **Azure Virtual Networks (VNETs)**, subnets, **Azure** network settings, DHCP address blocks, DNS settings, and security policies and routing.
- Deployed an **Azure** instance for a hybrid based authorization and encryption system.
- Established connection from **Azure** to **On-premise datacenter** using **Azure Express** Route for Single and Multi-subscription connectivity.
- Well used and experience in deploying the code through web application servers like **Apache tomcat** and **NGINX**.
- Provide CM and Build support for applications, built and deployed to lower and higher environments.
- Developed build and deployment scripts using **MAVEN** and **Gradle** as build tools in **Jenkins** to move from one environment to other environments.
- Deployed **Chef** Dashboard for configuration management to infrastructure
- Involved in Building and configuring **Red Hat Linux Servers** using Kickstart server as required for the project.
- Implemented **Nagios** monitoring solution for mission critical server.
- Monitored the server and application using **Nagios**, and **Splunk**.
- Implemented and configured **Nagios** for continuous monitoring of applications in the production environment and enabled notifications via emails and text messages.
- Wrote JUnit test cases for unit, integration, and functional tests, run automatically by **Hudson/Jenkins** in the builds triggered by each push to **GIT**.
- Converted existing **AWS** infrastructure to serverless architecture (**AWSLambda**, **Kinesis**) deployed via **Terraform&AWS** Cloud formation.
- Automate the code review process and published the results on **Jenkins** as well the graph by comparing everyday nightly builds.
- Implemented hybrid connectivity between Azure Cloud and on-premise using virtual networks and VPN.
- Configuring, automation and maintaining build and deployment **CI/CD** tools **git/ git-Lab**, **Jenkins/Hudson**, **ANT**, **Maven**, **Build Forge**, **Docker**-registry/daemon, **Nexus** and **JIRA** for Multi-Environment (**Local/POC/NON-PROD/PROD**) with high degrees of standardization for both infrastructure and application stack automation in **AWS** cloud platform.
- Managed **GIT** repositories for branching, merging, and tagging.
- Configured **GIT** with **Jenkins** and schedule jobs using POLL SCM option and integrated to automate the code checkout process.
- Used **Kubernetes** to deploy scale, load balance, scale and manage **Docker** containers with multiple name spaced versions.
- Develop **CI/CD** system with **Jenkins** on **Google'sKubernetes** container environment, utilizing **Kubernetes** and **Docker** for the runtime environment for the **CI/CD** system to build and test and deploy.
- Experience with **Agile** to develop and work with the client to calibrate releases for test deployment.
- Created Branches, Labels and performed Merges in **Stash** and **GIT**.
- Developed processes, tools, automation for **Jenkins** based software for build system and delivering SW Builds.
- Built and deployed **J2EE** application in **Jboss** in an agile continuous integration environment using **Python** scripts
- Installed and configured **Jenkins** for Automating Deployments and providing an automation solution.
- Integrated **GIT** into **Jenkins** to automate the code checkout process.
- Leveraged "**Azure** Automation" and PowerShell, **Chef** and **Ansible** to automate processes in the **Azure** Cloud
- Maintained and administered **GIT** source code tool.

**Environment:**JAVA8, Agile, MySQL, JIRA, Chef, Docker, HTML5, AJAX, CSS3, JavaScript, jquery, Azure, AWS, AWS Auto Scaling, Jenkins, EC2, AWSS3, Puppet, VPC EC2, IAM, EBS, AWSCodePipeline, AWS CloudFormation, AWS Code Build, AWSCodeDeploy, Kubernetes, Terraform.

**Central One , Vancouver,B.C**

**Role: DevOps Engineer**

**Sep 2017- Nov 2019**

**Responsibilities:**

- Maintain **CI/CD** pipeline through and setup process for deployment teams. Utilize various tools and technologies such **Chef/Ansible, GIT, Jenkins** for streamlined deployments.
- Worked on Amazon **EC2** setting up instances, **virtual private cloud (VPCs)**, and security groups and created **AWS** Route53 to route traffic between different regions and used **BOTO3** and Fabric for launching and deploying instances in **AWS**.
- Creating **S3** buckets and managing policies for **S3** buckets and Utilized **S3bucket** and Glacier for storage and backup on **AWS**.
- Configured and maintained the **AWSLambda** function to trigger when there is a **Jenkins** build kicked off, which internally gets stored on **AWSS3** bucket for everybody to access Deployment to **AWS**.
- Used **Terraform** in **AWS** cloud services such as **EC2**, auto-scaling and VPC to build secure, highly scalable, and flexible systems that handled expected and unexpected load bursts.
- Configured **AWS** cloud infra as code using **terraform** and continuous deployment through **Jenkins** and automated the cloud formation using **Terraform**.
- Deploy and monitor scalable infrastructure on Amazon web services (**AWS**) and configuration management instances and Managed servers on the **Amazon Web Services (AWS)** platform using **Chef** configuration management tools and Created instances in **AWS** as well as migrated data to **AWS** from data Center.
- Involved in creating **Jenkins** jobs for Build automation and trigger multiple tests before it is pushed to the version control system.
- Created Automated pipelines in **AWSCodePipeline** to deploy **Docker** containers in **AWSECS** using services like **AWS** CloudFormation, **AWSCodeBuild**, **AWSCodeDeploy**, **S3** and Puppet.
- Technical knowledge of current network hardware, protocols, and Internet standards, including **TCP/IP**, and **DNS, DHCP, SSH, FTP, Terminal Services/Remote Desktop**.
- Created Frontend **Node.js** static and **REST API Microservices** and Automated build and deployment of **Microservices** using **Git** and **Jenkins**.
- Worked on implementing Data warehouse solutions in **AWS** Redshift worked on various projects to migrate data from on database to **AWS** Redshift, **RDS** and **S3**.
- Configuring **AWS** IAM and Security Group in Public and Private Subnets in VPC. Building the deployment process for application and building a continuous integration system for all our products using **Jenkins**.
- Management and design of integrated build pipelines using continuous integration and continuous development workflows such as Jira, **Git, Jenkins**, and **Chef**.
- Wrote **Ansible** Playbooks with **PythonSSH** as the Wrapper to Manage Configurations of **AWS** nodes and Tested Playbooks on **AWS** instances using **Python**.
- Worked on writing multiple **Python**, Shell scripts for internal applications for various organizational tasks. Responsible for maintaining the Subversion (**SVN**)/**GIT** Repositories, also access control strategies.
- General database experience, including aptitude writing **SQL** and administering Microsoft **SQL** Server and **MySQL** Ability to code in Perl and Shell script (and learn other languages quickly).
- Experience with **Jboss** and **J2EE** environments. Strong knowledge of **TCP/IP** networking, **SMTP, HTTP, load-balancers**, highly available network servers
- Strong knowledge of Unix/Linux, Apache, performance tuning concepts, and web applications.

**Environment:Java, Python, Shell CSS3, HTML5, MySQL, JavaScript, JQuery, XML, JIRA, Eclipse, SCRUM, Git, Gitlab, PowerShell, Bash, Agile, AWS, EC2, S3, Elastic Beanstalk, Chef, Puppet, Jenkins, Maven, Docker, Web App, XL Deploy, Code Deploy,Kubernetes, SCRUM.**

**DXC TECHNOLOGY, Vancouver,B.C**

**July 2016 – Aug 2017**

**Role: Jr.DevOps Engineer**

**Responsibilities:**

- Having knowledge of OOPS concepts. Method references are provided in **Java8** to make use of methods already named.
- Installed and Administered **Jenkins** CI for **ANT** and **Maven** Builds. Experience in User Management and Plug-in Management for **Jenkins**.
- Extensive experience using **Maven** and **ANT** as a Build Tool for the building of deployable artifacts (JAR, WAR & EAR) from source code. Experience in architecting large applications and object-oriented programming related to **Python**.

- Worked in Agile modeled software development life cycle. Experience on Continuous Integration and Continuous Delivery with **AWS** using **Docker** and **Jenkins**.
- Experience with capacity planning, continuous integration and application deployment using **Jenkins** and Subversion (**SVN**) and **GIT** for version control, **Maven** and **Ant** for Building and Packaging.
- Involved in JIRA as defect tracking system and configure various workflows, customizations and plug-ins for JIRA bug/issue tracker, integrated **Jenkins** with JIRA, **Github**.
- Worked on **HTML5**, **CSS3**, **JavaScript**, **jquery**, **SQL**, and Web Services. Developed VBA scripts to perform data segregation of new data based on historical data inputs.
- Using **JenkinsAWS** Code Deploy plugin to deploy to **AWS**. Involved in setting up Test automation and developed Cucumber feature files and used Selenium for automated testing with TestNG. Set up the **JenkinsCI/CD** process and **Jenkins's** master slaves for the entire **CI/CD** infrastructure.
- Participated in weekly release meetings with Technology, stakeholders to identify and mitigate potential risks associated with the monthly releases. Developed build scripts using **ANT** as the build tool for the creation of (WAR files) build artifacts.
- Involved in troubleshooting the automation of Installing and configuring **JAVA** applications in the test and pre-production environments.
- Worked with **CI/CD** tools like **JENKINS**, **GIT**, **MAVEN**, and **PUPPET**.
- Deploying scripts for build, maintenance, deployment, and related tasks using **Dockers**, **Jenkins**, and **Maven**.
- Involved in setting up JIRA as defect tracking system and configured various workflows, customizations, and plugins for the JIRA bug/issue tracker.

**Environment:**Java, Jenkins, Jira, ApacheTomcat, Maven, Red Hat Linux, Python, Git, Puppet, WebLogic, Git, Junit, Nexus, Java8, CSS3, MySQL, JavaScript, jquery, JIRA, TestNG, Cucumber, Selenium, AWS, HTML5, Jenkins, Maven, Puppet, CI/CD, Apache, Tomcat, Jboss, Red Hat Linux, ANT, Agile, Docker, Subversion (SVN),