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Career Objective:

Seeking DevOps position with 5+ years of experience with a background in the design, implementation and deliverance of Software Development Life Cycle (SDLC), Software Configuration Management (SCM), Change Management (CM), build automation, Release Management (RM) and DevOps experience

Profile Summary:

- Experience in working as DevOps engineer for release automation to achieve Continuous integration, Continuous delivery and Continuous deployment (**CI** and **CD**).
- Installed and Administered on GIT Server, migrated Projects from **Subversion** to **GIT**.
- Experience in maintaining **AWS** (Amazon Web Services) EC2 (Elastic Cloud Computing) resources like instances, EBS volumes, snapshots, Elastic Load Balancers (ELB), VPC, AMI's, security Groups, elastic IP's, Key pairs and Amazon Cloud watch for different zones in different environments
- Responsible for operational support activities to ensure availability of customer websites hosted on **AWS** cloud infrastructure using Virtual **privatecloud** and **publiccloud**.
- Managed Linux and Windows virtual servers on **AWS** using ansible, Configured and monitored distributed and multi-platform servers using **Ansible**.
- Installed **Jenkins** Plug-ins for GIT Repository, Setup SCM Polling for Immediate Build with Maven and Maven Repository (Nexus Artifactory) and Deployed Apps using custom ruby modules through **Ansible**.
- Expertise in using build tools like **Maven** and **ANT** for the building of deployable artifacts such as war & ear from source code.
- Experienced in various **Azure** services like Compute (Web Roles, Worker Roles), Azure Websites, Caching, **SQL Azure**, NoSQL Storage, Network services, Azure Active Directory, **API Management**, Scheduling, Auto Scaling, **PowerShell Automation**.
- Working experience with **Jenkins** continuous integration Tools including installation, configuration of jobs, pipelines, security set up and process and integrated with tools like **Ant** and **Maven** to schedule the builds.
- Built **JAVA/J2EE** applications with ORM frameworks JPA and **Hibernate**.
- Experience in Linux Administration Build and Release Management, System Engineer and extensive experience with Devops tools**, AWS, OpenShift, Azure, CI/ CD, SCM and Containerization.**
- Created Jobs for Builds and Deployments, installed several **Plugins** in **Jenkins** to support multiple build eco systems required for the implementation of projects.

- Continuously deployed and administered Linux servers using **Ansible** and automated product installation and configuration.
- Experienced in various **Azure** services like **Compute (**Web Roles, Worker Roles**), Azure** Websites, Caching, **SQL Azur**e, **NoSQL** Storage, Network services, Azure Active Directory, API Management, Scheduling, Auto Scaling, **PowerShell Automation**.
- Have experience in provisioning infrastructure using **Terraform**.
- Containerised **Spring Boot Java Micro services** using Docker and created build lifecycles using Maven and Jenkins
- Design, integration, deployment and automation of app servers and web servers **for IaaS, PaaS. And SaaS– JBoss, Apache Tomcat, Jetty, jBoss, AWS, GCP and Azure**
- Expertise in writing **Ansible** playbooks, modules and roles.
- Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack monitoring using **Ansible** playbooks and has Integrated Ansible with Jenkins. Expertise in working with different Bug Tracking Tools like **JIRA**, **Bugzilla**, and **Quality center**.
- Worked with AWS **CloudFormation** templates, **Terraform** templates along with **Ansible** to render templates. Automate provisioning and repetitive tasks using **Terraform** and **Python**, **OpenShift, Docker container**, **Service Orchestration**.
- Experience in using **Tomcat** and **JBoss** Application servers for deployments.
- In-depth understanding of the principles and best practices of **Software Configuration Management** (SCM) processes, which include compiling, packaging, deploying and Application configurations.
- Experience in requirements gathering, analysis, solution design, development, setup, implementation, testing, customization, maintenance, and support and **Data migration.**
- Reviewed existing manual Software builds, developed scripts to automate repeated tasks that are more susceptible to errors and risk using **Python** and **Shell Scripting**.
- Used **Docker** as a new level of simplicity to defining and creating applications or services by encapsulating them in containers.
- Experience with container based Virtualized deployments using Docker, with **Docker images**, **Docker Hub, Docker registries** and **Kubernetes.**
- Used **Kubernetes** to orchestrate the deployment, scaling and management of Docker Containers.
- Excellent Analytical and Communication skills, Quick Learner, Versatile Team player, Organized, Self-Motivated, have the ability to pick up new technologies and solve complex technical problems.

Technical Skills:

Configuration Management	Ansible
Continuous Integration	Teamcity, Jenkins
Version Control	Git, SVN
Build Tools	Gradle, MAVEN, ANT
Cloud Platforms	AWS, Azure, OpenStack

• **Package Management**	• Nexus, Artifactory
• **Issue Tracking**	• JIRA, Bugzilla and SonarQube
• **Virtualization**	• Docker, Vagrant
• **Operating Systems**	• Linux (Red Hat 5/6), Ubuntu, CentOS, Windows and Unix
• **Databases**	• MySql, Oracle, Postgre SQL, MongoDB, ETL, Data Warehousing.
• **Programming Languages**	• C++ (STL), JavaScript, XML, HTML, CSS, Shell script, Java and Python.
• **Web & Application servers**	• Tomcat and Apache.
• **Monitoring Tool**	• Nagios, Splunk ,Prometheus ,Grafana
• **Centralise Log monitoring**	• Elastic search Engine, Logstash, Kibana
• **Continues Deployment**	• Jenkins

Project/Work Experience   : JIO Platforms Ltd

Client : Jio   June' 22– June 2023
 Role   : Sr.DevOps Engineer

Responsibilities:
- Lead the DevOps team and support **100**+ developers being the single POC of DevOps engineer for all releases and in daily activities of build and deployment cycles. First production launch was a success with no glitches in the release process
- Automate Build and Release process by introducing **Gradle Plugins** concept which enables auto tag creation and versioning. This helped developers a lot in managing artifacts during releases.
- Optimize **CI/CD** pipelines in most efficient way to enable easy reporting of test cases and proceed with deployments based on test success reducing the manual interventions during the lifecycle of a deployment
- Lead the **migration activity** of SCM from **Bitbucket** to **GitHub** and facilitate a smooth migration process with no interruption to active development.
- Work with QE to automate various test frameworks like **Chaos testing**, **BDD** testing and other performance tests and integrate them in the current CI/CD pipeline
- Working with developers to understand project requirements and help create application environments and on-boarding new projects.
- Experience with container based deployments using **docker**, working with docker images, packaging artifacts (jar, war, python libs, gem) and configuration files using **gradle**.
- Writing docker file, creating deployment scripts and service files(yaml) to deploy to the cloud environment using **Kubernetes**.

- Create/build, (pre-PROD and PROD) containerized deployment scripts, software release pipeline and **CI/CD infrastructure** to support the Risk fulfillment product that was launched across 50+ countries.
- Worked with image snapshots, attaching to a running container, removing images, managing directory structure and managing containers.
- Experienced in Application deployment with B/G Deployment strategy using docker, supervisor, Kubernetes into clustering.
- Experienced in writing git hooks.

- Debug and resolve multiple build errors on Teamcity/Jenkins on a daily basis and also any deployment errors in Kubernetes cluster
- Configured monitoring services using Splunk and integrated applications to it
- Developed automated **rollback** deployment on Staging/Production server. Purpose is to undo previous deployment in database, properties files and war files changes.

Environment: Gradle, Maven, Jenkins, Kubernetes, Shell Script, Python, BitBucket, GIT, AWS, Linux, Docker, Splunk.

Client : Apple Inc, Sunnyvale, CA	**Aug' 20 – May'22**
Role : DevOps Engineer	

Responsibilities:
- Working with developers to understand project requirements and help create application environment and on-boarding new projects.
- Experience with container based deployments using **docker**, working with docker images, packaging artifacts (jar, war, python libs, gem) and configuration files using **gradle**. Writing docker file, create deployment script (**nomad** and yaml) to deploy to cloud environment.
- Create/build, (pre-PROD and PROD) containerized deployment scripts, software release pipeline and **CI/CD infrastructure** to support the Search Ads ad product that was launched across 40+ countries. Supporting 300+ developers on site.
- Worked with image snapshots, attaching to a running container, removing images, managing director structure and managing containers.
- Worked on container deployment on HashiCorp stack -**Nomad and Consul Cluster.**
- Experienced in Application deployment using docker, supervisor, nomad into consul clustering.
- Experienced in writing git hooks.
- Infrastructure setup in **GCP** and **Azure** using **Terraform**
- Experienced in using Artifact Repository for gradle builds.
- Completely handled migration activities from **Teamcity** to **Jenkins**
- Debug and resolve multiple build errors on Teamcity/Jenkins on a daily basis and also any deployment errors
- Configured monitoring services using Splunk and integrated applications to it
- Experienced in Artifacts management : Maintain local repo on artifactory for on- premise

rpms(s), jar(s). maintain remote repository serves as a caching proxy for three parties artifacts (gem, pip, maven, jcenter). maintain docker registry for images. Writing up auto-housekeeping tasks using bash/python scripts and automation jobs to maintain daily operations.

- Created the naming strategy for branches and labels and involved continuous integration (**CI**) system with **GIT** version control repository and continually build as the check-in's come from the developer.
- Developed test scripts in **Selenium** WebDriver using **Java**.

- Maintained and developed infrastructure using **Ansible**, **Jenkins**, and multiple **AWS tools**.
- Used **Ansible** Tower, which provides an easy-to-use dashboard and role-based access control, so that it's easier to allow individual teams access to use Ansible for their deployments.
- Built and Deployed **Java/J2EE, Node.JS** to a web application server in an **Agile** continuous integration environment and automated the whole process.
- Worked on **Ansible Playbooks** and **Ansible Tower** to automate repetitive tasks, to deploy critical applications quickly, and proactively manage the changes.
- Developed automated **rollback** deployment on Staging/Production server. Purpose is to undo previous deployment in database, properties files and war files changes.

Environment: Gradle, Maven, Teamcity, Jenkins, Nomad, Ansible, Shell Script, Python, SVN, GIT, AWS, Linux, Docker and Kubernetes.

Client : SCIF,Pleasanton, CA	**Apr' 2019– July'20**
Role : DevOps Engineer	

Responsibilities:

- Worked with various services of AWS: **EC2**, **ELB**, **Route53**, **S3**, **Cloud Front**, **RDS**, **IAM**, **Cloud Watch** and **Cloud Formation**.
- Created monitors, alarms and notifications for EC2 hosts using **Cloud Watch**.
- Designed AWS **Cloud Formation templates** to create custom sized **VPC**, subnets, **NAT** to ensure successful deployment of Web applications and database templates.
- Implemented and designed **AWS** virtual servers by **Ansible roles** to ensure deployment of web applications.
- Implemented & maintained monitoring & alerting of production and corporate servers using **Cloud Watch**.
- Collaborate in the automation of AWS infrastructure via **Ansible,** and Jenkins - software and services configuration via **Ansible Playbooks**.
- Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack Monitoring using **Ansible playbooks** and has integrated Ansible with Jenkins.

- Initiated responsibility for administering the **SVN** and **GIT** servers which included install, upgrade, backup, adding users, creating repository/branches, merging, writing hooks scripts, performance tuning, troubleshooting issues and maintenance.
- Created Jobs in Jenkins by setting up global permissions and scheduling jobs using **poll SCM.**
- Migrated legacy applications to a repeatable Continuous Integration platform.
- Create and maintain thousands of virtual machines using Docker and UNIX skills.
- Successfully migrated the old Jenkins to **New Jenkins** on a different **VPC**, provided solution for all the hurdles in migration.
- Installed and configured **Jenkins** for Automating Deployments and providing a complete automation solution.
- Represented our team in the Production war room and worked on high priority and severe defects with minimal time frame.
- Worked in a group running Jenkins in a **Docker** container with **EC2** slaves in Amazon AWS cloud configuration. Also gain familiarity with surrounding technologies like **Kubernetes.**
- Automated the Applications and MySQL container deployment in **Docker** using **Python** and monitoring of these containers using **Nagios.**
- Used **Nagios** as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and worked on Nagios Event handlers in case of automatic restart of failed applications and services.
- Installed, configured the **Nexus** repository manager for sharing the artifacts within the company.
- Deployed built artifacts to WebLogic application server using **MAVEN.**
- Experience in monitoring System/Application Logs of server using **Splunk** to detect Production issues.

Environment: Azure, ANT, Maven, Jenkins, Ansible, Shell Script, Python, SVN, GIT, GCP AWS, Linux, Docker and Kubernetes.

Client : Met Life Insurance,Hyderabad, India   **July 18' –Mar' 19**
 Role : JR. DEVOPS ENGINEER

Responsibilities:
- Developed installer scripts using **Ant**, **Python** and UNIX for various products to be hosted on Application Servers.
- Troubleshoot Build and Deploy Issues, with little downtime.
- Organize and Co-ordinate Product Releases work closely with product development, QA, Support across global locations to ensure successful releases.
- Implemented **Chef** to deploy the builds for **Dev**, **QA** and **Production**.
- Build scripts using ANT build tools in **Jenkins** to move from one environment to other environments.
- Install, Configure and Administer **Hudson/Jenkins** Continuous Integration Tool.
- Implemented Continuous Integration and Continuous deployment using various CI Tools like Jenkins, Hudson, Bamboo, and **SonatypeNexus**.

- Parse the Application and System logs using Python and PowerShell for all business applications to proactively monitor and trace errors with automated **email alerts** to various teams internally.
- Automated Continuous Build and Deploy Scripts for Hudson/Jenkins **Continuous Integration** tool.
- Work with application development and operation teams using a variety of automated testing and build, and deploy tools (**Maven**, Ant, Nexus, **Jenkins**, SVN, **Selenium**, **and JUnit**) to resolve issues with transition to new DevOps solution.
- **Branching**, Tagging, **Release** Activities on Version Control Tools like **SVN** and **GIT**.
- Member of the Technical Design team, Build and Release Module for Development of new products.
- Documented **release metrics**, software configuration process.

Client:_HUNDAI_

Duration: **Feb 2018- July 2018**
Role: Aws Cloud Engineer\Build and Release Engineer
Responsibilities:

- Developing the deployment & delivery pipelines in Jenkins using groovy-based DSL and integrating it with various DevOps tool such as Gitlab, Maven, Jenkins, Nexus, UCD, SonarQube, Selenium, for ensuring code quality during continuous delivery.
- Developing Python and Bash scripts for DNS routing & networking to perform post deployment activities on production and trigger the calls to specific target hosts and APIs to retrieve the metadata from the logs and attach to release notes.
- Automated the deployment process by writing Perl, Python scripts in Jenkins.
- Automated the cloud deployments using Ansible, Python and AWS Cloud Formation Templates.
- Administering build & deployment activities for on-premises and cloud applications to troubleshoot critical build & production deployment issues.
- Working knowledge of web and application server's management and configuration (e.g., Load Balancers, Nginx, Apache)
- Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
- Deploying and managing applications on docker containers using docker images written in Dockerfile, and Kubernetes clusters, hosted on cloud using Kubectl and for inspecting the cluster resources to create, update and delete components.
- Developing Terraform scripts in JSON for configuring the resources, application packages and for building, changing & versioning the infrastructure services to provide the monitoring alarms on cloud and on-premises environments.
- Implemented new ELK cluster for enterprise logging and Maintained Elasticsearch, Logstash, Kibana.
- Used ELK (Elasticsearch, Logstash and Kibana) for name search patterns for a customer.
- Implemented a POC to integrate ELK Stack to an existing framework for real time log aggregation, analysis, and querying (Elasticsearch, Logstash, Kibana).

- Installed Logstash rpm and started the Logstash in our environment.
- Used Elasticsearch for name pattern matching customizing to the requirement.
- Installed Logstash-forwarder and run Logstash-forwarder to push data
- Used Kibana plugin to visualize for Elasticsearch.
- Created different dashboards based upon the level of user and this was integrated with the customer care support UI.
- Troubleshooting any build issue with ELK and work towards the solution.
- Creating Ansible playbooks & roles from scratch and integrating them into Jenkins jobs for continuous delivery framework to automate the deployment process into infrastructure as code strategy.

Environment: *Azure - Repo, Pipeline, Artifacts, Blob, ARM, Traffic Manager, Maven, Cloudbees Jenkins, Nexus, JFrog, Terraform, Ansible, Docker, Kubernetes, Service Now, Shell Scripting, Python, JBOSS, Nginx, Tomcat, JIRA, Confluence.*

Environment: Git, Maven, Jenkins, Tomcat, Apache, Python, Ruby, Chef, Selenium, Artifactory, Chef-solo/server, Oracle.

Education:

B.Tech in Jawarharlal Darda Institute of Eng & Tech with 7.05 in 2012-2017
Intermediate in Nirdhanrao Patil Waghaye Arts and Science College, Lakhani with 65% in 2008-2010
SSC in Samvarth Vidalaya School Lakhani with 54% in 2007-2008

Professional Experience:

Worked with Infosys Limited as a Consultant Since 2023 JULY to 2023 AUG.
Worked with Opulence Technosoft Private Limited as a Devops Engineer Since 2020 AUG to 2023 JUNE.
Worked with Edventure Software private Limited from 2018 FEB – 2020 JULY.