Vandana

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PROFESSIONAL SUMMARY

- Around 5 years of experience in IT industry comprising of **DevOps Engineer**.
- Implemented a CI/CD pipeline involving **GitHub, Jenkins, Ansible** and **Terraform** for complete automation.
- Experience in Working with **Cloud Platform like Amazon Web Services** and good knowledge in using various services like **AWS EC2, VPC, S3, IAM, Security Groups Route53, Elastic Load Balancers, Auto Scaling.**
- Excellent understanding of **SDLC** methodologies like **Agile, Waterfall.**
- Intermediate Experience in writing scripts in **Python** to automate deployments.
- Experience in deploying and configuring **GIT** repositories with **branching, tagging**, **notifying**.
- Experience in using **Build Automation tools** like **Maven** for building of **jar, war and ear files.**
- Extensively worked on **Jenkins** for **continuous integration** and for end-to-end automation for all build and deployments.
- Experience on **Ansible** as configuration management tool, quickly deploys critical applications.
- Worked with **Ansible playbooks** for virtual and physical instance **provisioning, patching and software deployment**.
- Understanding of infrastructure automation using **Docker and Ansible**.
- Solid implementation knowledge on **Docker, Kubernetes** automation solution for **Continuous Integration Continuous Delivery** model.
- Experience in using **Kubernetes** to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts.
- Experience in implementing and administering monitoring tools **Nagios and Cloud Watch**.
- Experience with container-based deployments using **Docker,** working with **Docker images, Docker hub and Docker registries.**

TECHNICAL SKILLS

Cloud Technologies	AWS
Scripting/Programming Languages	Python, Shell
Version Control	GIT and Github
Build Tools	Maven
CI Tools	Jenkins, Jira.
Config. Management	Ansible
Containerization Tools	Kubernetes, Docker, EKS
Monitoring Tools	Nagios, Prometheus, Grafana

Web/Application Server	Apache Tomcat, Apache, Nginx
Database	MySQL, MongoDB, SQL Server and Oracle
Operating Systems	Red Hat, Ubuntu, CentOS, Windows Server, Windows
Virtualization Tools	VMware, Virtual Box
IAC	Terraform
DevOps Tools	Git, GitHub, Maven, Jenkins, Ansible, Docker, SonarQube, TerraForm, Kubernetes.

Professional Experience:

- Working as a **Devops Engineer** in LTIMindtree**,** From November 2022 to Present.

- Worked as **Devops Engineer** in SRIDAMA BUSINESS SOLUTIONS PVT LTD**,** From November 2021 to May 2022.
- Worked as **Devops Engineer** in JNCASR**,** From November 2018 to November 2020

Academic :

- B.E in SJCIT , Passed out year in 2015 from Visvesvaraya Technological University.

WORK EXPERIENCE

Project 1: Azure for Operators 5G Deployment
DevOps Engineer
Responsibilities:
- Ensured timely handling of business-critical incidents by assessing customer impact and incident severity, adhering to agreed response norms.
- Verified compliance with processes during software and server validation for Greenfield/Brownfield sites and certificate rotations, ensuring no deviations.
- Managed go-live change requests (CRs) to ensure they were completed and closed within the scheduled timeframe.

- Prioritized and swiftly resolved all customer escalations, incidents, and requests to minimize impact and maintain high service standards.
- Ensured accuracy in Jenkins configuration to avoid issues caused by human errors when setting parameters.
- Executed defined test tasks and validated expected outcomes for releases deployed to instances, ensuring a successful deployment.
- Diligently tracked and opened tickets/defects for test failures, ensuring proper documentation and follow-up.
- Maintained zero ORT (Operational Readiness Testing) tickets for sites worked on, ensuring high-quality deliverables.
- Monitored and tracked performance against SLAs, ensuring compliance with key service policies over dynamic timelines.
- Facilitated testing activities through regular meetings, chatrooms, and updates in standard work management tools, ensuring adherence to best practices and project timelines.

Project 2: Comcast
AWS/ DevOps Engineer
Responsibilities:

- Worked with Amazon Web Services (**AWS**) like **EC2, Elastic Load-balancers, Elastic Container Service (Docker Containers), S3, VPC, Route53, Cloud Watch, IAM.**
- Launching **Amazon EC2 Cloud Instances** using Amazon Web Services (**Linux/ Ubuntu**) and Configuring launched instances with respect to specific applications.
- Creating **S3** buckets and managing policies for **S3 buckets** and Utilized **S3 bucket** and Glacier for storage and backup on **AWS**.
- Defined **AWS Security Groups** which acted as virtual firewalls that controlled the traffic allowed reaching one or more **AWS EC2** instances.
- Work with product development to resolve **build**-related issues in all projects.
- Implemented a **GIT** mirror for **SVN** repository, which enables users to use both **GIT and SVN**.
- Implemented Continuous Integration using **Jenkins and GIT.**
- Used **GIT** for source code version control and integrated with **Jenkins for CI/CD pipeline**, code quality tracking and user management with build tools **Ant and Maven**.
- Manage **the integration of new software projects** and products into the **build environment**.
- Installed, configured and managed **Ansible** server and created **playbooks** to various middleware application servers and used **Ansible** to automate repetitive tasks.
- Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design **cost effective, fault tolerant** and highly available systems.
- Used **Ansible** to manage **Web applications, Environments configuration Files, Users, Mount points and Packages**.
- Installing configuration and maintenance of Web Servers (**apache**), App Servers.
- Involved in **refactoring** and **automated** complex non production/Production Ecommerce deployment process.

- Created and configured the **Docker containers** and **Docker consoles** for managing the application life cycle and for branching purpose.
- 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.
- Automated builds to the **Docke**r hub on every commit and release.
- Worked on the installation and configuration of the monitoring tool **Nagios**.
- Worked on **JIRA** to track issues and project management.

Environment: AWS (EC2, Auto-Scaling, S3, Elastic Beanstalk, ELB, RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS), Git, Jenkins, Puppet, Ant, Maven, ELK Ansible, Team Foundation Server (TFS), Docker, Splunk, Jboss, Nosql RHEL 6.X.

Project 3: Payments
AWS/ DevOps Engineer

Responsibilities:

- Managed source code repository, build, and release configurations, processes, and tools to support daily development, test, and production build and software deployment operations.
- Created and Maintained **Subversion Branching, Merging and Tagging** across each Production releases and perform builds using Hudson **Continuous Integration** using **Maven Scripts**.
- Maintained **Maven** environment by setting up local, remote and central repositories with specified configuration in maven configuration files.
- Strong experience in utilizing **Build Forge and Jenkins** for enterprise scale infrastructure configuration and application deployments - checking out code from **SVN** and use **ant/maven to build war/ear artifacts**.
- Automated **Maven and ANT** builds by integrating them with **Continuous Integration** tools **Jenkins**.
- Defined dependencies and plugins in **Maven** pom.xml and integrated **Maven** with **GIT** to manage and deploy project related tags.
- Automated the **continuous integration and deployments** using **Jenkins**.
- Installed **Jenkins/Plugins** for **GIT Repository**, Setup **SCM** Polling for Immediate Build with **Maven**.
- Building & configuring Red Hat Linux systems over the network, implementing automated tasks through crontab, resolving tickets according to the priority basis.
- Performed periodic customer releases through Git pushes to shared, private and public servers. We use cron tabs, automated scripts to do continuous delivery and continuous deployment.
- Migrated out core repository from SUBVERSION to Git. In this process, I was involved in individually migrate the entire code base from subversion to Git ensuring that health of our builds isn't affected. Performed high level merges of branches, code bases.

- Maintained build related scripts developed in Ant, Python and shell.
- Maintained Maven/Ant and streamlined the entire build system. And managed build and release infrastructure, optimized build scripts and introduced a better way of releasing RPMs with effective tracking.
- Modified Ant scripts to build the JAR's, Class files, WAR files and EAR files from VOB's for Java applications and MS builds for all .Net applications. Enhanced Maven pom.xml with additional plugins for robust builds.
- Create and maintain nightly builds, hotfix builds/branches, custom and private builds.

Environment: AWS, Elastic Load-balancers, Elastic Container Service (Docker Containers), S3, Elastic Beanstalk, Cloud Front, Elastic File system, RDS, Cloud Watch, Cloud Trail, Cloud Formation, IAM, Elastic Search, Linux (RHEL 4.x/5.x), Solaris, Windows 2000, Apache, Tomcat, Jenkins, Ant, Git, Maven, Jira, Bash, Shell and python.

Date: Vandana