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## PROFILE SUMMARY

- Having **3+** years of experience as an **AWS DevOps Engineer**
- Hands-on experience in AWS provisioning and Strong in AWS Cloud Technologies (**VPC, EC2, S3, IAM, AWS CLI, Cloud Watch, Cloud Front, Cloud Trail, SNS, Elastic Cache, Lambda, API Gateway, Route 53, RDS, Code Commit, Code Deploy, Cloud Formation, DynamoDB**).
- Hands-on experience in various **DevOps** tools like **Git, GitHub, Jenkins, Maven, SonarQube, Ansible, Docker, Kubernetes, and Terraform**.
- Possess expertise in Application deployment, Server configuration, **Build** and **Release** activities.
- Development, Production & Test Environment Support (**Linux** and **Windows**)
- Administration of Version control tools **Git**, maintaining **CI** environments Jenkins
- Good experience in creating and configuring new Build jobs, Plug-ins Management, distributed builds using Master/Slaves, and other administrative tasks in **Jenkins**.
- Experience in Automating the Build and Deploy of Java applications to different environments by using **Ansible** and **Jenkins**. Having good experience on **SonarQube** for code quality.
- Experience in building the **Dev, QA, UAT**, and Production environments on **windows** and **Linux** servers.
- Utilized **Cloud Watch** to monitor resources such as **EC2**, CPU memory, Amazon **RDS** DB services, **DynamoDB** tables, and **EBS** volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
- Experience setting up and maintaining auto-scaling AWS stacks (preferred using **Cloud Formation** and **scripting** using **bash** & **python**).
- Experience in **Terraform** in creating VPC,S3,Ec2,EBS,RDS resources.

- Possess excellent troubleshooting, interpersonal and time management skills.
- Good Knowledge of using different **IP** protocols like **FTP, SSH, HTTP, HTTPS** and Connect direct.
- Good Knowledge of monitoring tools like Nagios, Grafana & Cloud Watch.
- Analyzing the CRs (Change Request) and pulling reports from the **JIRA** ticketing tool.

**KEY SKILLS:**

<b>Cloud Technologies</b>	AWS (VPC, EC2, ELB, S3, EBS, IAM, AWS CLI, Cloud Watch, Cloud Front, Cloud Trail, SNS, Lambda, API Gateway, Elastic Cache, Route 53, Auto Scaling, Cloud Formation, RDS, Dynamo DB)
<b>Operating Systems</b>	Linux, Unix, Windows.
<b>Web Servers</b>	Apache httpd and Nginx
<b>Source Code Management Tools</b>	Git, GitHub, Bit Bucket
<b>Continuous Integration</b>	Jenkins
<b>Build Tools</b>	Maven
<b>Scripting</b>	Shell script, Python Basics
<b>Monitoring</b>	Cloud Watch, Nagios, ELK
<b>Containerization</b>	Docker & Kubernetes
<b>Ticketing Tool</b>	Jira

**PROFESSIONAL EXPERIENCE :**

Working as a Cloud DevOps Engineer in **IBM** from Sep 2019 to Till Date

## **PROJECTS:**

**Project: 1**

**Title: T-MOBILE**

### **Description:**

T-Mobile International was one of Deutsche Telekom's segments besides the segments of 'Broadband/Fix net', 'Business Customers' and 'Group HQ and Shared'. T-Mobile International AG lost relevance when Deutsche Telekom transformed its structure to adopt a regional setup (Germany, Europe, USA) in 2009 by combining its previously separated fixed and mobile subsidiaries to form integrated local businesses.

**Role: Cloud & DevOps Engineer**

### **Responsibilities :**

- Working on Amazon EC2 cloud, launching the servers, Setup and configuring EIP to Ec2 instances. Set up and managed security groups VPC' specific to the environment.
- Created AMI images of critical Ec2 instances as backup using AWS CLI and GUI.
- Worked on Infrastructure with Docker Containerization.
- Used the standalone Dockers to build the environments. Used docker file and compose file to build the images as part of the CI/CD process.
- Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated Build, Test/QA, and deployment tools
- Created AWS Cloud Formation templates on creating IAM Roles & total architecture deployment end to end (Creation of EC2 instances & its infrastructure).
- Used Terraform to create VPC, S3, Ec2, EBS, and RDS resources, this is a one-time activity we created and stored in a bitbucket.
- Worked exclusively on making applications more scalable and highly available systems in AWS (load balancing) with full automation.
- Merging all developer workings copies with shared mainline server for Continues Integration.

- Build and release Ec2 instances Amazon Linux, Redhat, and Windows for POC, Development, and Production environment.
- Set up and managed backup and recovery using snapshot.
- Configured SonarQube in Jenkins File as a Code Quality analyzer and Nexus as an Artifactory storage tool.
- After building the code used Elastic Beanstalk for deployment.
- Experience in windows and Linux server monitoring and troubleshooting issues.
- Created support cases with AWS Lambda Functions for any critical issues and follow-up.

## **Project: 2**

### **Project Title:** Best Buy

Description: Best Buy Co. Inc. is an **American multinational consumer electronics retailer** headquartered in Richfield, Minnesota. Originally founded by Richard M. Schulze and James Wheeler in 1966 as an audio specialty store called Sound of Music, it was rebranded under its current name with an emphasis on consumer electronics in 1983.

### **Role:** Software Engineer

#### **Responsibilities:**

- Responsible for Environment Management and deployment automation provisioning the infrastructure of Linux environments
- Developing and supporting day-to-day release builds and deployments, improving existing infrastructure and services with upgrades.
- Configure jobs and pipelines using Jenkins, and troubleshoot problems arising from Build failures and Test failures.
- Implementation of new build and deploy tools & processes to make a smooth pipeline transition from Dev to Production.
- Specialized in automating tasks and processes through scripts, and implementing branching models.
- Deployment of the Business processes by creating JAR, WAR, and EAR files to Tomcat.
- Automated the build and deploy tasks using Maven & Jenkins

- Maintained and upgraded Jira issue tracker, Sonar code review tool
- Implemented & maintained the branching and build/release strategies utilizing GitLab.
- Used Maven as a build tool on Java projects for the development of build artifacts on the source code
- Automated deployment of build artifacts from Jenkins into pipeline environments.
- Designing, and building Infrastructure on AWS environment, Knowledge and experience with IIS and Application support.

### **EDUCATIONAL DETAILS**

**Graduated in B.com/Computer Applications from Yogi Vemana University, Kadapa - Andhra Pradesh**

### **Declaration:**

I have declared that the above-maintained information is true and best of my knowledge and belief

(S Asaduddin Arif)