**EPHRAIM**

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**Summary:**

Over 4+ years of experience in Information Technology industry in various roles with excellent experience in Ansible,Chef,Jenkins,Docker,Maven,Git,tomcat and, AWS Devops operations.

* Services (AWS)including EC2, Auto-Scaling in launching EC2 instances, Elastic Load Balancer, Elastic Beanstalk, S3, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS.
* Setting up scalability for application servers using command line interface for Setting up and administering DNS system in AWS using Route53 Managing users and groups using Amazon identity and access management (IAM).
* Set up the scalable infrastructure for internal web application using AWS SDK in python (Boto3) and setup a DNS system that routes to different regions using various routing policies.
* Hands on experience in configuring and installation web applications inside ec2 and fine tuning the web server.
* Periodic back up of root file systems from cloud to on premise storage
* Worked with optimization of server resources, Amazon Elastic Cloud instances and website security, Web services /REST, Amazon AWS, Chef and Ansible.
* Documented system configurations, Instance, OS, and AMI build practices, backup procedures, troubleshooting guides, and keep infrastructure and architecture drawings current with changes.
* Experience in building Docker images, running Docker containers, managing containers and pulling base images from Docker registry.
* Extensively involved in Demos, Presentations, Meetings and Interaction with Senior Management and ability to multi-task and provide expertise for multiple development teams across concurrent project tasks.
* Motivated team player, outstanding organizational skills, excellent communication and Inter-personal skills.
* Hands on experience with configuration management and virtualization tools like chef, ansible, docker, vagrant.
* Designed, configured and managed public/private cloud infrastructures utilizing Amazon Web.

**Technical Skills:**

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| Operating System | **Linux, Windows, Cent OS, Mac OS** |
| Infrastructure as a Service | **AWS** |
| Virtualizations Platforms | **Docker** |
| Build Tools | **Maven** |
| CI Tool & Monitoring | **Jenkins** |
| Configuration Management | **Ansible Chef** |
| Version Controllers | **SVN, GIT** |
| Scripting Languages | **Python** |
| Web / Application Servers | **Amazon AWS, Apache, Tomcat** |
| AWS | **EC2, RDS, EBS, S3, VPC, AMI, Cloud Watch, IAM, Auto Scaling, Elastic Beanstalk** |
| Databases | **MySQL, DB2, SQL Server** |

**Education:**

* B.Tech from University of JNTU Anantapur, in the year 2012.

**Work Experience:**

* IBM India Pvt Ltd., Aug 2015 – till date.
* XlHealth Corporation India Pvt.Ltd Oct 2013 – Aug 2015.

**Project1**

**Company Name: IBM India Pvt Ltd.**

**Client : Cox & Kings**

**Roles & Responsibilities:**

* Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer and Auto scaling groups.
* Created alarms and trigger points in Cloud Watch based on thresholds and monitored the server's performance, CPU Utilization, disk usage
* Designed AWS Cloud Formation templates to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.
* Used Jenkins to implement Continuous Integration and deployment into Tomcat /Web Logic Application Server.
* Involved heavily in setting up the CI/CD pipeline using Jenkins, Maven, SVN, GitHub, Ansible and AWS.
* Integrated Maven with Jenkins in order to run to automate the build process as a part of continuous delivery.
* Written playbooks to Provision several pre-prod environments consisting of deployment automation, AWS EC2 instance mirroring, Web Logic domain creations and several proprietary middleware installations.
* Conflicts related to merging of source code for SVN and Git and Maintained history of all the repositories using Subversion and Git.
* Virtualized the servers using the Docker for the test environments and dev-environments needs. And also configuration automation using Docker containers.
* Successfully developed for large scale distributed systems and reliable, fault tolerant software.

**Environment:** AWS, AWS IAM, AWS EC2, AWS S3, AWS cloud watch, Route 53, Maven, SVN, GIT, GitHub, Ansible, Docker, Jenkins, Apache HTTPD, Apache Tomcat, Bash, Shell, Python.

**Project2**

Project Name : PWMITUS

Client : **DB (Deutsche Bank)**

Role : Build and Release Engineer.

**Responsibilities:**

* Software Configuration management (Build and continuous Integration using  **Maven**, **Jenkins &** **GIT**)
* Creating branches and tags on Git repository and provided branches access permission to dev team.
* Responsible for creating Builds and Deployment Plans.
* After Release, updated Release notes with latest release version and details.
* Worked on Java build tool Maven to generate Project Artifacts.
* Performed a POC to drive Chef as the core deployment framework for all the in-house as well as to cloud.
* Verify Deployments logs to check for successful deployments.
* Responsible for creating slave jobs on remote servers using continuous integration tool Jenkins.
* Declaring required dependencies and plug-ins for project by using Maven.
* Taking weekly back-ups like Jenkins home directory.

**Environment:** Ubuntu, GIT, Maven, Tomcat and Jenkins.