**Teja Email:** [**teja4919@gmail.com**](mailto:teja4919@gmail.com) **AWS DevOps Engineer Contact: +1(973)-619-4369**

**3+ years** of experience with DevOps Engineer in building **CI/CD pipelines**, Infrastructure Automation and Monitoring in **AWS** including EC2, VPC, ELB, S3, EBS, DynamoDB and Route53, Configuration Management, Application Development and Testing.

**Professional Summary:**

* Experience with highly availability and scalable infrastructure in **AWS Cloud Services**, (EC2, S3, ELB, Cloud Watch, SNS, SQS, Glacier, IAM, VPC) and managing security groups on AWS
* Working Knowledge on automation for deployment/configuration of different application servers like **Web Sphere** like **Apache, Tomcat and Web Containers** like **Nginx**
* Implemented a CI/CD pipeline involving **Jenkins and Chef** to complete the **Automation** for **Deployment**
* Good working knowledge of **Build script and Automate** solutions using various scripting languages like **Shell, Python and Ruby**
* Experience in creating custom **VPC's and IAM** (Roles, Users, Groups) and attached required policies
* Creating **S3 buckets** and enable the versioning of each object and enabled CORS on multiple buckets to access the cross-regional objects
* Planned and implemented **VPC’s** with multiple **Availability Zones** and multiple subnets to meet the **dynamic IP** requirements
* Experience in **Branching, Tagging and Maintaining** the Version across the environments working on Software Configuration Management (**SCM**) tools like Subversion (**SVN**) and **GIT**
* Developed **Bash script** to migrate Unix/Linux servers from **LDAP** to Active Directory
* Implemented local Ubuntu APT server for hosting custom **Debian packages,** to automate the configuration of Ubuntu image running on android.
* Automate system configuration of application servers using configuration management tools like **Docker, Chef and Puppet**
* Experienced in deploying and configuring **Chef Server** including **Bootstrapping** of **Chef Client** **nodes** for provisioning and created (Roles, Recipes, Cookbooks and Data Bags) for **configuration**
* Knowledge on creation of **Puppet manifest** files to install **tomcat** instances and to manage configuration files for multiple applications.
* **Container management** using Docker by writing **Docker files** and set up the automated build on **Docker HUB**.
* Creation of custom Docker (**Container Images, Tagging and Pushing**) the images and creating the Docker Containers and Docker consoles for managing the application lifecycle
* Assisted in creating and maintaining **Ant build.xml** and **Maven pom.xml** for performing builds
* Converted the **SVN** repository to a local **Git** repository and shared the repository with the developers via **Bitbucket**
* **Migrated** the development efforts from SVN repositories to Git (Bitbucket Server)
* Very Familiar with Linux environments like **CentOS, RHEL (OSE), Ubuntu and Windows.**
* Used Atlassian **JIRA** as issue **tracking and ticketing tool**.
* Experience in using the **Agile/Scrum** and **Waterfall** testing lifecycle **Methodologies**.

**Technical Skills:**

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| **Operating Systems** | Centos, Linux, Redhat, Ubuntu, Unix and Windows |
| **CI/CD Tools** | Jenkins, Docker, Chef, and Puppet |
| **Build Tools** | Maven and ANT |
| **Source Control Tools** | Subversion and GIT |
| **Programing Language** | Python, Bash, Shell Scripting, Ruby Scripting |
| **Data Base** | Oracle |
| **Cloud** | AWS EC2, VPC, ELB, IAM, SNS, Cloud Watch, S3, Cloud Trail |
| **Methodologies** | Agile, Scrum and Waterfall |
| **Web Service** | Web Logic, Web Sphere, Apache Tomcat, Jboss |
| **Bug Tracking Tools** | Jira |

**Professional Experience: Lyons Consulting Group May 2017 – Present Role: AWS DevOps Engineer**

**Responsibilities**:

* Created **python scripts** to automate AWS services which include ELB, web servers, Cloud front distribution, EC2, database and security groups, S3 bucket and application configuration
* Configured AWS Identity Access Management (**IAM**) Group and users for improved **login authentication**
* Performed S3 bucket creation, policies and on the IAM role-based policies and customizing the **JSON template**
* Built **AWS Cloud Formation templates** to create custom sized VPC, subnets, NAT to ensure successful deployment of **web applications** and **database templates**
* Create read replicas of **AWS RDS-MySQL** DN in various regions and **Availability Zones** using backups and snapshots
* Created S3 versioning and lifecycle policies, backup files and **archive files in Glacier**
* Used **Amazon Route53** to manage DNS zones and give public DNS names to **Elastic Load Balancer IP's**
* Created route **tables** to route **traffic** to fid whether it is **public or private network**
* Installed, Configured and Administered **Jenkins** continuous integration tool
* From source control of **Git** we clone the data into our local server.
* Worked on provisioning AWS and deploy Chef and Jenkins to completely provision and manage the instances
* Worked on scheduling the **Chef Nodes** convergence using **Linux Cron jobs**.
* Used **Weblogic** as application server for deploying the **Artifacts**
* **ANT and Maven** used as **build tools** in Jenkins to move from one environment to other environment and automated **weekly releases** for compiling java code, debugging and placing builds into Maven repository
* Work with **Docker** for convenient **environment setup** for development and testing
* Developed **Chef Cookbooks** to management of hosted instances within AWS. Configuring and Networking of Virtual Private Cloud(**VPC**)
* Involved in supporting cloud instances running **Linux and Windows on AWS**.

**Environment**: **AWS, EC2, ELB, VPC, S3, IAM, RDS, Route53, EBS, Cloud watch, Cloud Formation, Glacier, Chef, Docker, Linux, ANT, Maven, Git, Python Scripting, Windows.**

**JP Chase- Chicago Oct 2015- May 2017 Role: AWS DevOps Engineer Responsibilities:**

* As part of DevOps Team, Analyze the existing Projects **Build and Release** Process and provide the necessary improvements and Automation avoiding repetitive manual tasks.
* Used Jenkins for automating **Builds and Automating Deployments**
* Designed DevOps workflow for multiple applications by Build, Release and Deploy phases through various **CI/CD pipelines** using **Git, Jenkins, Chef**.
* **Migrating** servers with the required configurations changes and testing and deploying the machines using **Chef commands**.
* Used **ANT and MAVEN** as a build tools on **java projects** for the development of build **Artifacts** on the source code.
* Involved in migration from **SVN to GIT repos** and worked with Linux system admins for the same.
* Developed **Linux, UNIX, Perl and Shell Scripts** for manual deployment of the code to various environments
* Worked with the development team to generate deployment profiles (**jar, war, ear**) using **ANT Scripts and Jenkins**.
* Created the naming strategy for **branches and labels** and implemented continuous integration system with Git version control repository.
* Responsible for design and maintenance of the GIT Repositories, views, and the access control strategies.
* **Jira** used for **ticket raising** and work flow tool
* Installed and Configured the **Nexus repository** manager for sharing the **artifacts** within the company
* Releasing code to testing regions or **staging areas** as per the schedule published
* Managed and Created **Apache Tomcat Run Environments** on Linux and windows platform
* Automating the tasks using **Chef cookbooks, bash scripting**.
* Assisted the end-to-end release process, from the planning of release content.

**Environment:** **Unix/Linux, Jenkins, Bash, shell Scripting, Java, Jfrog Artifactory, Jira, GIT, Maven, Ant**, **Gradle,** **Apache Tomcat**, **AWS, EC2, VPC and ELB**

**Education:** Missouri Western State University **Dec-2017** Master of Information Technology Administrative Assurance **3.3GPA**