|  |  |
| --- | --- |
| **AJJU BHASHA**  **Email : ajjubhasha182@gmail.com**  **Phone:** 7386701431 |  |

# Career Objective

# To pursue a rewarding career, effectively utilizing and meanwhile updating my skills, knowledge for the benefit of the Organization and improving the self.

# Professional Summary

* Around **3.6** years of experience in IT Industry as a **DevOps and AWS Engineer**.
* Automated the deployments to DEV and QA Environments by picking up builds from Jenkins using **Ansible/Puppet**.
* Hands on experience with Configuration Management Tools such as **Puppet and Ansible**
* Hands experience on Amazon **EC2** cloud deployments using DevOps tools like Jenkins and (puppet/ansible)
* Involved in designing and deploying a multitude applications utilizing almost all of the AWS stack (Including **EC2, Route53, S3, RDS, SNS, IAM, ELB ,EBS**) focusing on high-availability, fault tolerance, and auto-scaling.
* Familiar with EC2, **Cloud watch, Elastic IP's** and managing security groups on AWS.
* Designed high availability environment for Application servers and database servers on EC2 by using ELB and Auto-scaling.
* Created network architecture on AWS **VPC**, subnets, Internet Gateway, Route Table and NAT Setup.
* Working with **Route 53**, DNS failover and setting up Latency based routing, weighted routing policies.
* Creating/Managing **AMI/Snapshots/Volumes**, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Amazon **IAM service** enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM
* Worked as GIT administrator as part of my role and monitored the repository for various issues.
* Participated in release level discussions and gone through the total **SDLC and Agile process**
* Extensive Experience in Jenkins master-slave for multi machine builds.
* Expertise in Trouble shouting on java applications in Tomcat services and Web application in **Apache & Nginx**.
* Installation, Configuration and Management of RDBMS and NoSQL tools such as **Maria dB**
* Created and maintained Jenkins jobs that execute Shell scripts for automation with Pipeline
* Hand on experience in delivering container based deployments using **Docker**.
* Extensive experience in setting up the Kubernetes for the Docker to handle cluster based containers.
* Implemented Testing environments for kubernetes and administrated the kubernetes clusters.
* Deployed and orchestrated the applications with **Kubernetes.**
* Be able to run stateless and Stateful applications on Kubernetes and **Health checks, Secrets, Config Maps, add users, set quotas/limits, do node maintenance**,
* Involved in Package applications with Helm and writing **Helm charts** for applications.

Played a key role in automating the deployments on AWS using GitHub, **Terraform, Puppet** and Jenkins

* Having knowledge on Docker images creation using **Docker File**.
* Extensively worked with Version Control System **GIT**
* Good Knowledge with automation tools like J**enkins** to implement the End-to-End Automation

# Technical Skills

* Version Control Systems : GIT
* Configuration Management Tools : Ansible,Puppet
* Virtualization Tools : Docker, Kubernetes
* Automated Build tools : Maven.
* CI Tools : Jenkins.
* Bug Tracking Tools : Jira, Bug Zilla.
* Application Servers : Apache Tomcat
* Programming Languages : Core Java, Python,
* Scripting Languages : Java Script. Shell Scripting,Python
* Database : MySql, Oracle.
* Cloud Technologies : AWS

# Educational Details

M.Tech (EEE) from JNTU-Hyderabad University in 2016

# Work Experience

* Currently working as a DevOps Engineer **ARITECH SOFT INDIA PVT LTD** from May 2017 to till date.

# Project Profile

**PROJECT:1**

Project Name : Online Buyers and Sellers

Client : Tulsidas Lalchand General Trading Company L.L.C, UAE

Role : DevOps with Cloud Engineer

Duration : June 2018 to till date

**Responsibilities:**

* Created users and groups using IAM and assigned individual policies to each group.
* Created SNS notifications and assigned ARN to S3 for object loss notifications.
* Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.
* Configured Security group for EC2 Window and Linux instances and also for puppet master and puppet agents.
* Experience with monitoring tools such as Cloud Watch.
* Played a key role in automating the deployments on AWS using GitHub, Terraform, Ansible and Jenkins.
* Managed deployment automation using Packer-Docker Terraform to automate system operations. Handled work from initial stage of development to create branches, make developers follow standards creating build scripts, abeling automating the build process and deploy process by using Jenkins plugin
* Experience in setup monitoring (performance metrics, OMS)
* Automated deployments for consistent software releases with zero downtime (through build process, packaging, testing and automatic deployment)
* Configured application servers (Tomcat) to deploy the code.
* Created and configured multiple instances on Tomcat Server for different teams.
* Configured Tomcat application server for hosting web apps.
* Used file module in Ansible playbook to copy and remove files on remote systems.
* Implemented a Continuous Delivery pipeline with Docker and AWS.
* Extensive experience in setting up the Kubernetes for the Docker to handle cluster based containers.
* Implemented Testing environments for kubernetes and administrated the kubernetes clusters.
* Responsible for moving data between different AWS compute and storage services by using AWS Data Pipeline.
* Extensively used Docker for virtualization, Ship, Run and Deploy the application securely to fasten Build/Release Engineering.
* Evaluated Composers for Docker container orchestration.
* Experience with building containerized applications using Docker images.
* Management and design of integrated build pipelines using continuous integration workflows such as Jira, Git, Jenkins, Docker, and Nexus.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.
* Involved in configuring AWS EC2 instances on cloud platform using Ansible.
* Implemented Continuous Integration using Jenkins and GIT.
* Deployed JAVA/J2EE applications through Tomcat Application servers.
* Build pipeline design and optimization: GIT, Subversion, Maven, and Nexus for J2EE application deployments.
* 24/7 on call supports for emergency site maintenance and immediate build and install requests.

**PROJECT:2**

Project Name : LexisNexis

Client : LexisNexis, Ohio USA

Role : Build & Release Engineer

Duration : March 2017 to June 2018

**Responsibilities:**

* Implemented Continuous Integration using Jenkins and GIT.
* Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
* Creating new repositories and branches in existing repositories as per the requirement of the dev team.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using Sonar Qube
* Setup and build AWS infrastructure with various resources like VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
* Configuring and Networking of Virtual Private Cloud (VPC)
* Involved in configuring AWS EC2 instances on cloud platform using Ansible.
* Configuring the Day and Night Playbooks
* Writing (Modules ) to automate infrastructure using Puppet Configuring CRON Jobs for executing daily activities such as Backup/Archive etc. in Ansible/Puppet
* Maintaining Regular Backups of the Logs.
* Executing the SQL scripts to pull the Users details and logs from the GE DB.
* Maintain the file permissions using shell scripts and worked on Creating, merging SVN branches and create builds.
* Responsible for maintaining Multiple DevOps tools &amp; configuring across all projects
* Subversion (SVN), GIT, Jenkins, MAVEN, Puppet.
* Support the build and deployment infrastructure used by our development teams
* Respond to high severity production issues escalated by our operations teams.
* Support developers by deploying application into Develop, test and production servers.
* Automated various tasks using Shell scripts.