Jnaneshwar
PHONE : +91 9390081793
EMAIL: Jnaneshwar.devops@gmail.com

PROFESSIONAL SUMMARY:

- Around 5+ years of experience in the areas of DevOps, AWS Cloud, CI/CD pipeline, Build/Release Management and Linux/Windows Administration.
- Expertise in AWS Cloud IaaS stage with components VPC, ELB, Security Group, EBS, AMI, Cloud Watch, Cloud Front and Direct Connect.
- Worked on version control systems like Subversion and GIT and used Source code management client tools like SVN, Bitbucket, GIT Bash, GitHub, GITLAB, GIT GUI and other command line applications.
- Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing and implementing and Post-production analysis of the projects.
- Worked with Docker for convenient environment setup for development and testing.
- Worked on Docker container snapshots, attaching to a running container, removing images, managing directory structures and managing containers.
- Automated cloud infrastructure using Chef, Puppet and Ansible on multiple Cloud Servers.
- Experience in using Git, GitHub, and Subversion.
- Ability to build deployment, build scripts and automated solutions using shell scripting and Python.
- Have a good knowledge Nagios and experience in monitoring tool like Splunk.
- Experience on installation, configuration and maintenance Red hat, CentOS and Ubuntu at multiple Data Centers.
- Experience in using protocols like HTTP, SSL, DHCP, DNS, LDAP and assisted developers in troubleshooting.
- Configuring, Automating and Deploying Chef, for configuration management to existing Infrastructure.
- Knowledge in managing multiple corporate applications into GitHub code management repositories and creating user level of access for related GitHub project directories to the code changes.
- Maintaining, branching and tagging the versions across the environments using SCM tools like GitHub, Subversion (SVN), Perforce, Tortoise SVN and Rational Clear Case on Linux and windows platforms.
- Skilled in various Bug tracking tools like JIRA and Remedy.
- Setup and build AWS infrastructure using various resources, VPC EC2, RDB, S3, IAM, EBS, Security Group, Auto Scaling, SES, SNS and RDS in Cloud Formation JSON templates, Route53, Lambda.
- Worked on AWS for deploying EC2 instances consisting of various flavors viz., Oracle Linux, RHEL, CentOS, Ubuntu and Solaris in both Linux and Windows.
- Experiences on setting up databases in AWS using RDS, storage using S3 bucket and configuring instance backups to S3 bucket.
- Experiences in Configured AWS Identity and Access Management (IAM) Groups and Users for improved login authentication.
- Experience in migrating various Java Applications from On Premise to AWS.
- Good knowledge on IIS, Tomcat, Apache, WebSphere, JBoss, WebLogic, Nginx, Open VPN, and Experienced in Bug Tracking tools like JIRA, BUGZILLA, Mantis and Trac.
- Excellent understanding of reference models like OSI Model protocol suite (IPv4, IPv6, all supported IEEE standard protocols), TCP/IP protocol suite (IP, ARP, TCP, UDP, SMTP, FTP TFTP, SSH)

Technical Skills:

Operating Systems	Windows 7/XP/2003/2000, LINUX, RHEL
Web/Application Servers	Tomcat, Web logic, Apache, Nginx, JBOSS
Languages	Shell,
Version control	GitHub, Subversion

Bug Tracking Tools	JIRA, Remedy
CI Tools	Jenkins
Provisioning Tools	Terraform
CM/Provisioning Tools	Chef, Ansible
Database	My SQL,.
Tracking Tools	JIRA
Monitoring Tools	Cloud Watch, Log stash, Kibana, Splunk, Nagios
Virtualization Technologies	VMware, AWS, Docker, Kubernetes,AZure
Cloud technologies	Amazon Web Services(AWS)

Professional Experience:

Working in JP Morgan Chase as DevOps engineer from May-2014 to till date.

DevOps/Cloud Engineer	**Mar 2016 – till date**

Project: Application delployment and control.
Responsibilities:

- As a DevOps & Cloud Engineer, worked in AWS environment, instrumental in utilizing Compute Services (**EC2**, **ELB**), Storage Services (**S3**, **Glacier**, **Block Storage**, and Lifecycle Management policies), Cloud Formation (JSON Templates), Elastic Beanstalk, Lambda, **VPC**, **RDS**, Trusted Advisor and Cloud watch.
- Created customized AMIs based on already existing AWS **EC2** instances by using create image functionality, hence using this snapshot for disaster recovery.
- Created AWS Launch configurations based on customized AMI and use this launch configuration to configure auto scaling groups and Implemented AWS solutions using **EC2**, **S3**, **RDS**, **DynamoDB**, **Route53**, **EBS**, **Elastic Load Balancer**, **Auto scaling groups**.
- Worked with **IAM** service creating new **IAM** users & groups, defining roles and policies and Identity providers.
- Created AWS **Route53** to route traffic between different regions.
- Build servers using **AWS**, Importing volumes, launching **EC2**, **RDS**, creating security groups, auto-scaling, load balancers (**ELBs**) in the defined virtual private connection.
- Involved in provisioning AWS **S3** buckets for backup of the application and sync these contents with remaining **S3** backups, by creating entry for AWS **S3** SYNC in crontab.
- Managed **EC2** instances utilizing Launch Configuration, Auto scaling, Elastic Load balancing, automated the process of provisioning infrastructure using Cloud Formation templates, and used Cloud Watch to create alarms and monitor environments.
- Migrating present Linux environment to AWS by creating and executing a migration plan, deployed **EC2** instances in **VPC**, configured security groups &**NACL's**, attached profiles and roles using AWS Cloud Formation templates and Ansible modules.
- Implemented CI/CD pipeline using **Jenkins2.3,Ansible Playbooks** and **Ansible Tower**.
- Scheduled automated nightly builds using Jenkins.
- Deploying and maintaining production environment using AWS **EC2** instances and Elastic Container Services with **Docker**.
- Worked with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.

- **Kubernetes 1.9.0** is used to orchestrate the deployment, scaling, management of Docker Containers.
- Implemented **Ansible** to manage all existing servers and automate the build/configuration of new servers and used **Ansible Playbooks** to setup Continuous Delivery Pipeline. Deployed micro services, including provisioning AWS environments using **Ansible** Playbooks.
- Writing **Ansible** playbooks, replacing the dependency on Chef Cookbooks and Chef Recipes to automate infrastructure as a code.
- Managed the configurations of multiple servers using **Ansible**. Involved in support and upgrade of Ansible from 1.x into the 2.x version on servers Used **Ansible** to Orchestrate software updates and verify functionality.
- Created **Maven** scripts to create multiple deployment profiles and deploy the applications to **Apache Tomcat**.
- Design and Implemented Cloud Orchestration solution using Google Cloud, AWS EC2 & Microsoft Azure and **Kubernetes.**
- Written MAVEN Scripts to automate build processes and managed **MAVEN** repository using **Nexus** Tool and used the same to share snapshots and releases.
- Responsible for writing various scripts in **Jenkins** to monitor server health and self-heal if necessary. Also, configured email plug-in to send alerts based on groovy script.
- Used **Nagios** as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and worked on **Nagios** Event handlers in case of automatic restart of failed applications and services.
- Involved in performance testing applications using Load Runner and **JMeter**.
- Build and Release software baselines, code merges, branch and label creation in Subversion and **GIT**, worked on migration from Subversion to Git (DVCS).
- Provided on-call support for production issues.

Environment:Linux, AWS, Ansible, Ansible Tower, Jenkins, Maven, JIRA, Linux, Docker, Kubernetes, Nagios PowerShell, Bash, Python,GIT

DevOps Engineer   **May 2014 – Mar 2016**

Projects: APAC

Responsibilities:

- Involved in DevOps migration/automation processes for build and deploy systems.
- Implemented the Build automation process for all the assigned projects in Vertical Apps domain.
- Monitor the UAT/Production Environments for any down time issues by performing regular Cron job updates in servers.
- Supported the code builds by integrating with continuous integration tool (Jenkins).
- Written Maven scripts, Installed Jenkins, written shell script for end to end build and deployment automation.
- Built Continuous Integration environment (Jenkins, Nexus) and Continuous delivery environment (puppet, Yum).
- Configured Docker container for setup application using automation Docker script.
- Performed Integrated delivery (CI and CD process) Using Jenkins, Nexus, Yum and puppet.
- Created scripts for system administration and AWS using languages such as BASH and Python.
- Built server deployment on Cloud (EC2) servers with help of DevOps tools like Puppet.
- Worked on cloud services elastic capacity administration and cloud deployment and administration tools.
- Configured and Managed various Azure web apps, Azure App services, Azure Application insights, Azure Application gateway, Azure DNS, Azure Traffic manager, App services, Analyzing Azure Networks with Azure Network Watcher, Implementing Azure Site Recovery, Azure Backup and Azure Automation.
- Experience in dealing with Windows Azure IaaS - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, VPN, Load Balancing, Application Gateways, Auto-Scaling, and Traffic Manager.

- Worked on Azure AD connect to sync on-premises AD user data, groups and organizations to Azure AD and troubleshoot Azure services sync with on premise AD and resync using the Azure tools.
- Used Jenkins Configuration to deploy the Java applications into Tomcat/web application, WebSphere servers.
- Configured automation tools like Chef on Linux servers.
- Installed and Configured Nagios on servers and clients using Puppet automation.
- Writing Manifests/Modules for Installation and Updating of Yum repositories on the Server using Puppet infrastructure.
- Configuring TOMCAT and deployment of JSP.
- Installing, configuring, and administering DNS, NFS, NIS, Mail servers, FTP servers RPM servers on Sun Solaris and Red Hat Linux platforms.
- Configure and maintain codebase to support the build and deployment of code on servers.
- Maintain a Live Like environment to test any production issues on the setup and push it into production.
- Configure and maintain stress server in different geographical location and provide setup in every release to perform stress testing.
- Configuration Management using Subversion (SVN) and maintaining admin related files.
- Automating the regular tasks in Subversion and streamlining the process of access to SVN.
- Setup and configure WebSphere for DEV/TEST Environments.

Environment: Subversion, Jenkins, Docker, JIRA, OpenStack, Maven, GIT, ANT, Chef, AWS, Python, UNIX Shell Scripting. Apache Cloud Stack, AWS,Azure.

Environment & Tools: Chef, Jenkins, AWS, GIT, Bash scripts, SVN, Tomcat, Nexus, AWS EC2, Jenkins CI, Docker, Elastic Load Balancing, Elastic Bean Stalk, Cloud Front, Cloud Formation, Elastic Cache, Cloud Watch, Route 53, Redshift, Lambda and Dynamo DB, GIT

Educational Qualification:

- MBA /University wales newport(UK)/ 2014/(60%).
- B. Tech/ CMR collage of engineering and technology (JNTU-Hyd)/E.C.E 2009/(53%)
- Inter/Narayana/ MPC/2005/(53%).
- SSC/ Triveni Talent School/SSC/2003/(80%)