Sanjeev Kumar Anagandula
sanjeevkumar.anagandula@gmail.com
(807) 4232 858

PROFESSIONAL SUMMARY:

I have 5+ Years Of hands-on experience in Supporting, Automating and Optimizing mission critical Deployments, Build and Release management for multiple Applications running on Linux based distributed Infrastructure, Software Configuration Management, DevOps Methodologies with equal emphasis supporting for Applications setting up and maintaining CI&CD Pipelines delivered on AWS Cloud environment.

- Hands on experience with SCM tools like Git/GitHub for user manage permissions Branching, Merging, Resetting, Reverting files from different areas, tagging and version management.
- Continuous inspection of code by using code analysis tool SonarQube integrating with Jenkins for maven projects.
- Compiled Multi module projects by using maven with parent and child relationship.
- Knowledge on CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.
- Configured master and node to reduce the load Jenkins master server for faster building of jobs.
- Inspecting Jenkins logs as well as job failures to overcome the logging errors by approaching best practices.
- Hands-on working experience on Docker images, containers.
- Experience in securing Docker images using Docker Hub & Registry.
- Backed up incremental volume backups to avoid loss of data on container failures.
- Done security best practices in docker by creating a network.
- Worked on docker swarm for container management.
- Automate infrastructure using Configuration Management Tools such as Ansible.
- Writing ansible playbooks to perform activities in the manage nodes.
- Working knowledge of AWS Cloud services - (EC2, S3, VPC, CloudWatch, EBS, ELB, Auto Scaling and RDS, Route 53 and IAM).
- Hands-on working experience in creating Infrastructure for different environments like Dev, QA, pre-prod and prod.
- Knowledge on Configured security groups, Network Access Control List (NACL)
- Providing NAT Gateway to Private Subnet Instances.
- Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances.
- Setting up databases in AWS using RDS On Multi-AZ To achieve High Availability to Database.
- Hands on Experience on Auto Scaling Group for EC2 Instances.
- Creating EBS Volumes and taking Snapshot attaching to another Server.
- Strong experience in Performance monitoring, Error logging, Diagnostics, Dumps and Fine-tuning and worked on Monitoring tools such as Cloud Watch (AWS).
- Strong experience in Octopus, Jfrog and SonarQube

Skill Matrix	Level	Years of Experience
AWS	■■■■■■■■□	4+
Linux, Git, SVN, Bitbucket	■■■■■■■□□	4+
Jenkins, Maven, Bamboo	■■■■■■■■□	4+
Tomcat, WebLogic, Payara	■■■■■■■■■	4+
Docker, Kubernetes	■■■■■□□□□	1+
Terraform, Ansible, Octopus	■■■■■□□□□	2+
JIRA, Confluence	■■■■■■■■□	4+
SonarQube	■■■■■■■■□	4+

PROFESSIONAL EXPERIENCE:

CITCO Group Services India LLP– Hyderabad   *[Sept 2022 to Present]*
DevOps Engineer
Client: CITCO, also known as the Citco Group of Companies, Citco is a large privately owned global hedge fund administrator. It is headquartered in Tortola in the British Virgin Islands.

Roles and Responsibilities:
- Created Octopus Tentacle by using SSH target of server
- Maintainace and upgrading the Octopus Dev and Prod Environments
- Setup the Dev, test, staging and prod environment for Bamboo, Octopus and Jfrog
- Migrating the data from one server to another server, creating the database users and providing the permissions
- Configuring and maintaining Octopus Deploy infrastructure, including servers, agents, and environments
- Monitoring and troubleshooting deployment issues, and providing support to development teams
- Continuously improving deployment processes, tools, and techniques to enhance efficiency and reliability
- Creating and managing release processes, including approvals, deployments, and rollbacks
- Configured the authentication by using SAML SSO for Jfrog.

Cognizant – Hyderabad   *[Jun 2021 to Aug 2022]*
AWS DevOps Engineer
Client – KPN: *KPN (in full Koninklijke KPN N.V., also Royal KPN N.V.) is a Dutch landline and mobile telecommunications company. KPN originated from a government-run postal, telegraph and telephone service and is based in Rotterdam, Netherlands.*

Roles and Responsibilities:

- Created the latest CIS Harden image with new patch, Update the AMI id in source code for the Bitbucket, Run the pipeline to replace all the servers with latest for the Bitbucket.
- Add the available EBS volumes for the NFS Server to maintain the data
- Removing vulnerabilities in bitbucket & Lisa DevTest as per the report from Qualys from SRT Plus
- Created Grafana dashboard for the expiration certificate and adding alerts it's identifies the metrics from CloudWatch which are needed for certificate expiry date.
- Created the Jenkins jobs based on the requirement and upgrading the Jenkins
- Inspecting the job failures checking the logs of servers and rectify the failures
- Created maven, docker mirror images on Jfrog artifact
- Converted data from on premises to AWS servers by using NFS servers.
- For SonarQube inspect the source code and evaluate anything that affects.
- Documented the procedure in confluence, creating tickets based on priority

Client – Mirabeau: *Mirabeau B.V. is a digital agency headquartered in Amsterdam, Netherlands. Mirabeau has offices also in Eindhoven, and Rotterdam — both in the Netherlands — Paris, and Guangzhou.[1] It employs about 300 people. The company was acquired by Cognizant in 2016.*

Roles and Responsibilities:
- Upgrading new releases for Jira, Confluence and Crowd for the project.
- Taking the Snapshots for RDS and creating the snapshots of the volume's foe the instances
- Created different launch configurations for different applications or use cases.
- Modified individual Auto Scaling Groups by choosing its name. To view an Auto Scaling group in split pane mode, select the check box beside the name of the group.
- Managing the AD for the customer AD.
- Daily Monitoring the Grafana, CheckMk of AWS hosts like CPU utilization, alerts, Warnings.
- Continuously monitoring the customer env through AWS management for the Analyze capacity, Review & advisor findings and cost Optimization.

- Created IAM roles, users and groups and attached policies to provide minimum access to the resources. Creating the MFA for AWS accounts and Mirabeau accounts.
- Implemented the shell scripts for updates on the connected system and to collect changes made there.

Client- Resolution life US: RLUS: *Resolution plc was a UK insurance company headquartered in the City of London. It was listed on the London Stock Exchange and was once a constituent of the FTSE 100 Index but was acquired by the Pearl Group in May 2008.*

Roles and Responsibilities:
- Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
- Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Maven and Shell.
- Created alerts on the requests from managers for certain tasks. And analysed security-based events, risks and reporting instances.
- Experience in source code management tools like Bitbucket, GitHub.
- Verifying the Jenkins logs if server application going down.
- Implement Master-Slave concept in Jenkins. Automate the builds and deployment of projects using Jenkins.
- Preparing the builds, scripts by using the maven/Ant build tool on the Red hat Linux platform.
- Automation of build process (Build automation) using the Jenkins and Git.
- Implement, maintain and support reliable, timely and reproducible builds for project teams.
- Manage all aspects of the end-to-end release process.
- Enable http to https SSL certification for Jenkins servers.
- Created branches and tags using for Bitbucket,
- Upgrading version for Jenkins, java, install required plugins for project.
- Managed and optimize the Continuous Delivery tools like Jenkins. Install, Configure, and Administer Jenkins Continuous Integration Tool.
- Created AMI (Amazon machine Image) to take backups of the images to store launch configurations of the EC2 instances.
- Configure the AD Directory, changing default path for Jenkins
- Migrating the files from one server to another server by using Linux SCP command
- Uploading artifacts into the Jfrog Repository
- Analysis the code from SonarQube and creating the project and configure in the Jenkins
- Installed applications on AWS EC2 instances and configured storage on S3 buckets.
- Responsible for using AWS console for deploying and operating AWS services specifically VPC, EC2, S3, EBS, IAM, ELB and Cloud Formation.
- Worked in infrastructure development on AWS Cloud, extensive usage of Virtual Private Cloud (VPC), Cloud Formation, Lambda, Cloud Front, Cloud Watch, IAM, EBS, Security Group, Auto Scaling, Dynamo DB, Route53, and Cloud Trail.

Capgemini – Hyderabad   *[Dec 2017 to Mar 2021]*
AWS DevOps Engineer
Client – Expedia Inc: *Expedia Group, Inc. is an American online travel shopping company for consumer and small business travel.[2] Its websites, which are primarily travel fare aggregators and travel metasearch engines, include Expedia.com, Vrbo (previously HomeAway), Hotels.com, Hotwire.com, Orbitz, Travelocity, trivago and CarRentals.com*

Roles and Responsibilities:
- Worked as Build, Release Engineer for Application builds using Maven, Jenkins.
- Created Jenkins CI pipelines Exposure to Software Development Life Cycle.
- Deployed War and Jar files to Tomcat webserver by using Jenkins.
- Responsible for managing configuration management tools like GIT.
- Supporting 24*7 on Client issues and Resolving tickets.
- Created branches and tags using GIT.
- Created AWS S3 buckets, performed folder management in each bucket, managed cloud trail logs and objects within each bucket.

- Responsible for doing application builds and deploys to multiple environments like UAT, Staging and Production. Involved in the creation of jar, war files and deployed them in the Application Server.
- Verify the logs if build fail.
- Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances.
- Good Understanding Route 53 and Implemented Domain name service (DNS).
- With the help of IAM created roles, users and groups and attached policies to provide minimum access to the resources

Client- Arlo Doorbell. The Arlo Doorbell will automatically call your smartphone when someone rings your doorbell, allowing you to talk to the person at your door (or have them leave a message if you're not available). The Arlo Doorbell features both a speaker and a microphone, and if you have an Arlo camera, you can add that in as well, so you'll get a video feed of your visitor too.

Roles and Responsibilities:
- Involved in Branching, Tagging and Merging of code delivery at required releases
- Gather customer requirements and translate the application requirements to provide AWS solutions.
- Solving merging conflicts using Git Stash and integrating git with Jenkins for frequent builds.
- Design and implemented Security using VPC, IAM, Security Groups and NACL.
- Working with cross functional, geographically distributed team to provide 24X7 deployment support across multiple environments.
- Implemented Amazon RDS multi-AZ for automatic failover and high availability at the database tier.
- Designed single host and Multi-Host Networking in Docker for Secure infrastructure.
- Created Docker Images and Containers using Docker file & Docker-Compose.
- Created own repositories in Docker-hub to store Images and backup Docker Volumes.
- Help Development teams automate the environment setup using tools like Ansible.
- Help Project Management Teams to understand the Project status by Implementing SonarQube to Analysis Bug Management by Integrating with Jenkins.
- User administration in Jenkins, such as giving permission to projects for certain groups such as Dev, Test, Prod.
- Automated Builds designed using git web hooks without any Manual process.
- Deploying War and Jar files to Tomcat webserver by using Jenkins and creating upstream and downstream jobs.
- Monitor EC2, Tomcat logs using AWS Cloud Watch
- Designed Fault Tolerant Infrastructure by Implementing ELB & Autoscaling Groups to automate servers in Fail over Downtime.
- Support the engineering teams regarding CI&CD Build tools, Environments and Automation

CERTIFICATE:
- *AWS Certified Solutions Architect -Associate (SAA-C02)*

ACADAMIC QUALIFICATIONS:
- *B. Tech (ECE) in Ramappa Engineering College 2014 at Hanmakonda*
- M. Tech (VLSI & Embedded system) in KPRIT college 2017 at Hyderabad