DevOps Engineer **&** AWS SOLUTION ARCHITECT

YUVARAJ P

E-mail id : awsyuva@gmail.com

Mob. No : +91-7358585370

PROFESSIONAL EXPERIANCE

- A highly organized and detail-oriented professional with **8+ years'** experience providing thorough and skillful maintenance support.
- Having **3+ years' experience in DevOps Engineer**, using various automation tools to oversee the end to end deployment process.
- Experience automated build platforms/continuous integration using DevOps architecture.
- Hands on experience with version Control tools like **GIT, GitHub, and Gitlab**
- Experience with Amazon AWS Cloud Services like **EC2, EBS, S3,RDS**.
- Hands on experience with continuous integration tools like **Jenkins CI**.
- Implemented a Continuous Delivery pipeline with **Docker, Jenkins, GitHub, Maven and AWS**.
- Good knowledge in Continuous Integration setup. Configured multiple build jobs, integrated test cases, created distributed build environments, performed plug-in installations, backup. Etc. using **Jenkins**.
- Designed, developed and deployed applications on to several cloud based solutions using configuration Management tools like **Ansible**.
- Hands on experience **ANSIBLE** cluster with high availability solutions
- Using ANSIBLE performed configuration management and remote execution.
- Worked on monitoring tools like **Nagios and NewRelic**.
- Extensively worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
- Provided framework for automated deployment in Tomcat environment.
- Experience in Production support engineer providing 24/7 technical support for middle-ware application servers
- Strong Experience in Amazon EC2 setting up instances, VPCs, and security groups.
- Creating IAM Users and Groups and Maintaining the users Access management and Permissions.

- Excellent working knowledge on various virtual systems/ like **Docker**, Virtual box technologies
- Hands-on in writing the Dockerfiles for building images.
- Perform daily monitoring and administrative tasks for all production databases.
- Involved in Disaster Recovery and High Availability in DBA.
- Experience in Replication, Log-shipping and Database Mirroring.
- Implementing high availability and recovery of Sql servers using Log shipping, Mirroring, Snapshots of Sql server 2000, 2005 and 2008
- Performing database backup types and recovery models based on the criteria
- Scheduling and monitoring SQL server agent jobs
- Implementation and maintenance of database backup and restoration strategies for disaster Recovery and data distribution
- Performed weekly and monthly health checks of databases.
- Backup of SQL databases along with creation of daily/weekly maintenance plans on SQL servers.
- Configured and Managing of Replication, Log shipping & mirroring techniques

TECHENICAL SKILLS

- **DevOps Tool**: Git,Maven,Docker,Jenkins,Ansible.Bitbuct,SonarQube,Tomcat,Shell Scripting, Kubernets

- **AWS (Cloud)**: EC2, VPC, S3, IAM, SNS, SQS,R53,RDS,Cloud Watch, EBS, Elastic Load Balancer, Auto Scaling.Glue, Batch, Lambda, Step function.DynamoDB

- **DBA**: MS-SQL SERVER 2005/2008 R2 / 2012 R2 (Windows)

EDUCATION

B.TECH Information Technology from DhanalakshmiSrinivasan Engineering College in Chennai

JOB HISTORY

Company	: **TeamLease Digital Private Limited**
Client	: TCS
Role	: Senior Software Engineer
Environment	: Devops Engineer
Duration	: April 2021 to May 2022

Company	: **TeamLease Digital Private Limited**
Client	: TCS
Role	: Senior Software Engineer
Environment	: AWS Cloud
Duration	: April 2021 to May 2022

Company	:	**Solutions Enterprises Pvt Ltd**
Client	:	NCR Corporation India Pvt Ltd
Role	:	Software Engineer
Environment	:	Devops tools and AWS Cloud and MS SQL
Duration	:	December-2013 to October-2020

Company	:	**Omnitech**
Client	:	NCR Corporation India Pvt Ltd
Role	:	Application Package Engineer
Environment	:	MS SQL Server 2005/2008/2008R2,2012
Duration	:	December-2012 to November-2013

PROJECT DETAILS

Project Name : Advance Auto Parts

Client   :   TCS

Environment : AWS Cloud based solution and Devops tools

Devops Tools: Git, Maven, SonarQube, NexusJenkins, Ansible Docker, Kubernets, Tomcat,

Roles & responsibility

- Create & maintain environment & tools to automate build/release activities.
- Performing both manual and automation builds using Maven and Jenkins.
- Involved in the release process and deployed applications (WAR and JAR) to the Tomcat.
- Notify Broken builds to appropriate Team / Team Members and enable for successful build.
- Developing and maintaining scripts to automate the build, packaging as well as automation of time consuming, error prone tasks associated with the build
- Configured and deployed applications in various work environments like Development, Test, and Production.
- Monitoring daily builds using continuous integration tool Jenkins.
- Automation of manual process at different levels of the software life cycle using different technologies and shell scripts.
- Responsible for Maintaining/Administration of GIT Version control tool. Create branches in GIT & provide access permissions to developers on need basis
- Application/Web Server Log files analysis to troubleshoot application problems on application and web server side.

- Assisting development team in resolving issues with build, environment, SCM and tools.
- Configuring the Docker containers and creating Docker files for different environments.
- Creating and Configuring the Organization with Ansible Server and setup.
- Creating container and deploying it to production server.
- Developed Crontab scripts for timely running jobs and provide server status.
- Working closely with development team to identify and resolve build or deployment problems and support. Troubleshooting of Performance and Stability Issues, Support software environments, build, release, deployment and operational issues

PROJECT DETAILS

Project Name	:	ChequeTruncatingSystem
Client	:	NCR Corporation India Pvt.Ltd
Environment	:	AWS Cloud based
AWS Service	:	EC2, VPC, S3, IAM, SNS, SQS,R53,RDS,Cloud Watch, EBS, Elastic Load Balancer, Auto Scaling. DynamoDB

Roles & responsibility

- Good understanding of Amazon Web Services (AWS), Creating EC2 Instances, S3, Auto scaling, ELB and configuring all necessary services

- Creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC..

- Knowledge on Simple Storage Service (S3) like Create an S3 Bucket, S3 Version Control, Cross Region Replication, S3 Life Cycle Management, Glacier, S3 Transfer Acceleration and Create A Static Website Using S3.

- Knowledge on EC2 (Elastic Compute Cloud), Launch an EC2 Instance, use of Putty for connecting linux server, Security Groups, Upgrading EBS Volume Types, Create an AMI, Load Balancers and Health Checks, Cloud Watch EC2, Autoscaling Groups, AWS Command Line and EC2, Using IAM Roles with EC2.

- Knowledge on Route 53, Register A Domain Name, Setup Our EC2 Instances, Simple Routing Policy, Weighted Routing Policy, Latency Routing Policy, Failover Routing Policy and Health Checks and Geolocation Routing Policy.

- Complete hands on experience on VPC & VPC Peering, Public subnets & private subnets, Difference between Default & Custom VPC, Understanding Route tables & Subnets, Build Your

Own Custom VPC, Network Address Translation (NAT), Access Control Lists (ACLs), VPC End Points.

- Data bases like Create RDS Instance, RDS - Back Ups, Multi-AZ & Read Replicas

Roles & responsibility

- Perform the tasks of build scheduling, automation and creating patch builds.
- Setting up Continuous Integration processes, creating CI build jobs, distribute builds using Jenkins.
- Performing the tasks of Branching & Merging the code.
- Automate build and release process using Maven, Jenkins, Shell whenever necessary.
- Configuring environments and deploying the code to different environments like DEV, QA, and PROD.
- Responsible for maintaining and implementing source control mechanisms.
- Tracking artifacts, Build and deployment information.
- Primary duties include Build and Deployment of the java applications onto different environments Dev, QA and UAT.
- Maintain GIT Repositories, Handling Releases and Branching activities for GitHub.
- Installing, configuring and administering Jenkins CI tool on Linux machines.
- Used to work closely with Developers and Build & Release team to setup Jenkins server & nodes for build and release team as per request.
- Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
- Maintained and monitored DATABASE (Inward Clearing Systems DB, Outward Clearing System DB
- Backing up the databases and restoring them when necessary/required.
- Configuring, maintaining and monitoring the Log-shipping, trouble-shooting the problems in Log-shipping
- Creating the jobs, manually executing and trouble-shooting the jobs.
- Monitoring jobs for alert log, space alerts, database status, failed sql job.
- Update the patches in windows server and update the SQL server with latest service pack.
- Monitoring SQL Server and Windows event logs to find root cause for the problem