DevOps Engineer

SRINIVASA SHIVANNA

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OBJECTIVE

To pursue a long-term career that nurtures my technical knowledge and to provide your esteemed organization with the best of my talent and convert all problems into solutions. An ambitious and motivated professional with good development, performance engineering skills.

- Proficient in DWH/ETL Testing, Informatica, Manual testing.

- Proficient DEVOPS, AWS, AZURE

Professional summary:

- ❖ Having overall 5 years of IT experience which includes 2 years of **DevOps, AWS,** and **Linux** 3 years of software testing

- ❖ Implementing deployment/maintenance (DevOps) adopting cloud strategies based onAmazon Web Services.

- ❖ Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all build and deployments.

- ❖ Automated build & deployment and CI process for many projects from scratch. Wrote buildfiles and created jobs in Jenkins.

- ❖ Extensive experience on using **Maven** as build tools for the building of deployable artifacts(jar, war & ear) from source code.

- ❖ Having experience on version control tool **GitHub**.

- ❖ Automated nightly build, test, and reporting mechanisms.

- ❖ Have experience on code quality analyzing tool – **SonarQube**.

- ❖ Have experience on artifact tools - **Nexus**.

- ❖ Expert in deploying the code through web application servers like **Apache Tomcat.**

- ❖ Have experience on Configuration Management tool - **Ansible**.

- ❖ Have experience on **Docker Containerization**.

- ❖ Good knowledge on Shell script.

- ❖ Familiar with Amazon AWS Cloud Administration which includes services like: EC2, S3,EBS, ELB, AMI, IAM, Auto scaling, Security Groups.

- ❖ Creating/Managing AMIs, Snapshots and Volumes Upgrade Downgrade AWS resources(CPU, Memory, EBS).

- ❖ Creating IAM Users and Groups and Maintain the users Access management andPermissions.

- ❖ Installing and configuring applications on AWS EC2 Instances.

- ❖ Excelled on creating AMI (AWS Machine Images) that utilizes ELB and Auto Scaling.

- ❖ Configuring instance backups to S3 bucket.

- ❖ Launching static website using **EC2 instance or ELB and S3 Bucket**.

- ❖ Experience in supporting applications on Linux environments.

- ❖ Managing users, groups, and ftp accounts, permissions, and security for clients.

- ❖ Changing the disk usage and creating Labels and swap partitions.

- ❖ Managing and resolving server and user level issues and good knowledge in Creating offile systems.

Professional Experience:

- ❖ **YEAR JULY-2021- JUNE-2023 |ROLE - QA ENGINEER | COMPANY - ALP CONSULTING PVT LTD (FOR COGNIZANT) | LOCATION -BANGALORE, INDIA**

- ❖ **YEAR MAY -2017 TO JULY-2021 | ROLE - QA ENGINEER | COMPANY – ASTRALPRISE SOFTWARE TECHNOLOGIES PVTLTD | LOCATION -BANGALORE, INDIA**

Technical Skills:

Operating System	Linux (Red hat, Ubuntu), Windows
Version Control Tools	GitHub
Build Tools	Maven
Static Code Analysis Tool	SonarQube
Artifactory Storage	Nexus
Application Server	Tomcat
Continuous Integration	Jenkins
Configuration Management Tool	Ansible
Containerization Platform	Docker
Cloud Services	AWS (EC2, S3, EBS, ELB, IAM, AMI)
Scripting Language	Shell Script, Java
Monitoring Tool	New Relic
Database	Oracle, Teradata, MySQL, Snowflake, Mango dB
Test Management Tool	Jira, Lean kit

Project #1

Client   : ROYAL BANK OF SCOTLAND (NatWest group).
Role   : DevOps Engineer
Environment   : GitHub, Maven, SonarQube, Nexus, Jenkins, Docker, and AWS.

Responsibilities:

- ❖ Coordinate build and deploy activities.
- ❖ Created GitHub repositories and specified branching strategies that best fitted the needsfor the client.
- ❖ Configured GitHub with Jenkins and schedule jobs using Poll SCM option.
- ❖ Defined dependencies and plug-ins in Maven pom.xml for various activities andintegrated Maven with GitHub to manage and deploy project related tags.
- ❖ Good experience in uploading Artifacts and dependency jar files to Nexus remoterepository.
- ❖ Involved in the creation of jar, war files and deployed them in the Application Server.
- ❖ Created continuous integration builds using Jenkins for Developers, test and QA stageservers separately.
- ❖ Responsible for doing application builds and deploys to multiple environments like UAT,Staging and Production.
- ❖ Verifying the logs if build and deployments fail.
- ❖ Verify Deployments logs to check for successful Deployments.
- ❖ Deploying applications using Docker on AWS EC2 Instances.
- ❖ Created the ansible play books.

Project #2

Client	: JUMBO SUPERMARKET (VAN EERD GROUP)
Role	: Test Engineer
Environment	: Etl, Sql, Informatica, Tearadata

Responsibilities:

❖ Understanding the requirements and functional specifications of the applications.
❖ Design and Development of QA documentation like Test Cases and Test scenarios from business and functional requirements.
❖ Reviewing the requirement and finding out the gaps in the requirement and raising clarifications.
❖ Performed SQL validation to verify the data extracts and record counts in the database tables by writing complex SQL minus queries.
❖ Test Data Preparation
❖ Tested transformation functions and record formats for various input data files.
❖ Tested the ETL mappings from Source to Target.
❖ Written test cases for checking the populated data correctly into fact and dimension tables.
❖ Extensively used SQL Queries to verify and validate the Database Updates.
❖ Performed Data validation to verify the data extracts and record counts in the database tables.
❖ Defect Analysing and Reporting in QC.
❖ Interactions with BA & Dev teams to resolve the issues.
❖ Reporting daily testing status

Project #3

Client	: SMIGGLE
Role	: Test Engineer
Environment	: Etl, Sql, Informatica, Tearadata

Responsibilities:

❖ Understanding the requirements and functional specifications of the applications.
❖ Design and Development of QA documentation like Test Cases and Test scenarios from business and functional requirements.
❖ Reviewing the requirement and finding out the gaps in the requirement and raising clarifications.
❖ Performed SQL validation to verify the data extracts and record counts in the database tables by writing complex SQL minus queries.
❖ Test Data Preparation
❖ Tested transformation functions and record formats for various input data files.
❖ Tested the ETL mappings from Source to Target.
❖ Written test cases for checking the populated data correctly into fact and dimension tables.
❖ Extensively used SQL Queries to verify and validate the Database Updates.
❖ Performed Data validation to verify the data extracts and record counts in the database tables.
❖ Defect Analysing and Reporting in QC.
❖ Interactions with BA & Dev teams to resolve the issues.
❖ Reporting daily testing status.

Educational details:

Bachelor of Engineering from REVA Institute of technology and management, Bengaluru.

Personal Details

Date of Birth   : 5th JUNE 1995
Gender   : Male
Nationality   : Indian
Father's name   : SHIVANNA HV
Permanent Address : Opp Ramalingeshware temple, Hirebidanur,
                              Gowribidanur, Karnataka-561208.
Languages Known   : Kannada, English, and Telugu.

Declaration

I hereby declare that all the above information given by me is true to my knowledge and I hold the responsibility to the above-mentioned information.

Date:

  Place: - Bengaluru   [SRINIVASA HIVANNA]