JESSICA CLAIRE

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SKILLS

- Programming Languages: Java, C, Python
- Databases: Oracle, MySQL
- Continuous Integration Systems: Jenkins
- Build Tools/Devops: ANT, Maven, Jenkins, Docker
- Cloud Computing: AWS (EC2, ELB, S3), Cloud Foundry, AWS EKS, AWS data lake, bucketing, Lambda and Athena, Redshift
- Monitoring: Splunk, DataDog

EDUCATION

Christian Brothers University
Memphis, TN • 05/2017
Master of Science: Engineering Management

JNTU
Hyderabad • 05/2012
Bachelor of Science: Civil Engineering

CERTIFICATIONS

AWS solution architect associate

PROFESSIONAL SUMMARY

DevOps Engineer with background designing, testing and implementing infrastructure and applications. Talented performer with over 5 years of experience using source control tools to identify and fix bugs in code. Consistent team player with exemplary multitasking skills. Certified AWS Solutions Architect. Proficient in Jenkins, terraform, docker.

WORK HISTORY

Saic - Devops Engineer
South Bend, IN • 11/2020 - 12/2021

- Design roles and groups using AWS identity and access management (IAM), and manage network using Security Groups, Network Access Control Lists with services provided by IAM.
- Manage all aspects of end-to-end Build/Release/Deployment process for multi-Project.
- Used AWS services such as EC2, ELB, Auto-Scaling, S3, IAM, VPC, RDS, DynamoDB, CloudTrail, CloudWatch, Lambda, SNS, SQS, CloudFormation, CloudFront, Beanstalk, EMR, AWS Workspaces, AWS Lake Formation, AWS Glue, AWS data exchange.
- Document system configurations, Instances, Operating Systems, and AMI build practices, backup procedures, troubleshooting guides, and safe keep infrastructure and architecture updated with appending.
- Configuring and implemented OpenStack SDN infrastructure to enable massive dynamic scaling of compute and storage resources.
- Creating alarms in Cloud watch service for monitoring servers' performance, CPU Utilization, disk usage etc.
- **Provisioned** highly available EC2 Instances using **Terraform** and cloud formation and wrote new plugins to support new functionality in **Terraform**.
- Worked in IAAS environment called Terraform, to manage application infrastructures such as storage and networking.
- Used **Bash** and **Python** included Boto3 to supplement automation provided by Ansible and Terraform for tasks such as encrypting EBS volumes backing AMIs and scheduling Lambda functions for routine AWS tasks.
- Manage and operate **Big Data** environment and Web applications.
- Implemented **Hadoop** clusters on processing Big Data pipelines using Amazon EMR and Cloudera whereas it depended on Apache Spark for fast processing and for integration of APIs.
- Configured Elastic Load Balancers with EC2 Auto scaling groups.
- Work with my team to provide user stories and use cases of various modules of OpenStack data center deployments.
- **Kafka messaging systems** has been used for large scale message processing applications. Kafka with Apache Storm used to handle data pipeline for high-speed filtering and pattern matching.
- Used Kafka Producer and Consumer API to push and read messages from topics.
- Implementing a Continuous Delivery framework using Jenkins in Windows & Linux environment.
- Developed build and deployment scripts using ANT/Maven as build tools and **Jenkins** as automation tool to move from one environment to other environments.
- Built and Deployed **Java/J2EE** to a web application server in Agile continuous integration environment and also automated whole process.
- Used Kubernetes for creating new Projects, Services for load balancing and adding them to Routes by accessing from outside, created Pods through new application and controlling, scaling and troubleshooting pods through SSH.
- Used Jenkins for continuous integration and Jenkins Master Slave Architecture to run Jenkins build in remote RHEL servers. Integrated Apache Kafka for data ingestion.
- Integrating SonarQube In CI Pipeline for Coverage reports and Sonar Metrics.
- Responsible for configuring apps to OpenShift v3 and containerization of apps using **Docker**.
- Configured **Splunk** add-on including DB Connect, Active Directory LDAP for work with directory and SQL database and configured **DataDog** for monitoring servers.
- Installed and configured Nexus for artifacts repository. Published snapshot and release versioned artifacts into Jfrog **Artifactory**.
- Performed configurations from Apache tomcat and web logic to Jenkins.
- Used Amazon Redshift SQL based queries for managing database.

3Ds Dassault Systems - QA Automation Engineer
Johnston, RI • 08/2017 - 11/2020

- Determine test objectives and standards by studying **Software requirements** and **writing test plans, test cases and test scripts.**
- Performed agile testing, review stories and participated **in Daily Scrum, Iteration Planning and Release Planning meeting.**
- Lead sub-teams, assigned project work to testers, provided input to **Test Plan**, point of escalation, **SME** within function or application, and provided **status reports** as needed.
- Implemented automation framework for **Smoke Test** to determine that crucial functions of application work and implemented **Regression Tests** to make sure that existing functionality is not broken.
- Performed Functional testing as per user stories and performed **Integration Testing, System Testing** using manual efforts.
- Participated in **Review meetings, Retrospective meetings,** and daily scrum meetings
- Performed regression and integrated testing before and after every release using **ALM tool** and is used to save and update regression scripts and perform them for each release manually.
- Developed Java **automation framework/scripts** using **Selenium WebDriver, TestNG** and resolved issues identified in automation.
- Developed Selenium scripts to **find, verify, select, edit** and perform various operations on web elements. Used **Select** class to perform operations on **dropdown list.**
- Developed scripts to **navigate-to** various **iframes** and to **handle multiple windows** and performed operations on web elements.
- Identify software capability and reliability by conducting **functional, system** and **performance tests.**
- Handled **multiple windows, Alerts and Pop-ups** with **Selenium WebDriver.**
- Implemented waits such as **Implicit, Explicit Wait** to achieve **Synchronization** between application and test scripts.
- Took application **Screenshots** and copied images whenever exceptions occurred and at important checkpoints of application execution.
- Used **FireBug, FirePath** to debug, edit and locate objects based on ID, Name, XPath, Css Selector, Link, Partial Link, Attributes and Tags.
- Configured **Test Cases** to receive input **Test Data Sets** for corresponding test cases using TestNG **@DataProvider** Annotation.
- Performed **BDD** (Behavior Driven Development) with **Data Driven** Test Automation Framework using **Cucumber Features, Scenarios** and **Step Definitions** in Gherkins format.
- Developed and Implemented Test Scripts using **C# Microsoft Visual Studio** and Analyzed Test Results.
- Configured **Jenkins build job** for continuous Integration and for Regression Testing.
- Expertise in Project Management tools like **Jira** to prioritize, classify bugs and tracked defects.
- Scripted Test cases and managed framework dependency jars using **Maven.**
- Stored flow details of Selenium Automation in a log file using **Log4j.**
- Performed API testing of Soap and Restful Web Services using **SOAPUI Tool.** Used Assertions to verify response.
- Performed **Database Testing** using SQL Queries with multiple Databases Oracle, SQL Server, and MySQL.
- Maintained code version using **GIT** and **Bitbucket.**

- Tested Android mobile Applications using **Appium** with **Selenium WebDriver.**
- Coordinated with offshore team and guided them with application functionality and technically when faced with issues.

Isn Software Corp. - QA Tester
Dallas, TX • 03/2014 - 04/2015

- Understanding Functional Requirement Specifications and System Requirement
- Specifications preparation of **Test Scenarios, Test Cases** and **Test Data.**
- Provide review comments on Test Scenarios and Test Case.
- Created **Test Plan** Document based on **Test Strategy** Document.
- Execution of Test Cases and Test Scripts.
- Preparation of **Requirement Traceability Matrix, Test Metrics.**
- Performed system testing to ensure validity of requirements.
- Using **QTP Delay** performed QTP synchronization.
- Performed **User Acceptance and Regression Testing** with **UAT** test scenarios.
- Find and report defects and subsequently validating fix, repeating process until done.
- Involved in **Build deployment** activities.
- Expertise in using **Quality center (QC)** for creating and executing Test Cases.
- Evaluated and suggested improvements to software development process.
- Coordinate efforts between development teams and offshore enterprise test team.
- Monitoring Testing Activities within team and reporting regular progress to Test Manager.
- Implemented required testing approaches to accommodate tight schedules and resource constraints including applying risk-based analysis to determine **test coverage.**
- Attended **Project Domain** and Internal **Project Functionality** Training Session.
- Worked closely with software engineers to ensure successful, high quality releases.
- Verified integration of various components in application and executed end-to-end testing.
- Participated in Release Review/Requirement Analysis and Design review meetings.