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## SUMMARY

- Diligent and proficient software engineer with **10+ years** of experience in IT as **Automation Test Architect**.
- Strong Knowledge of **STLC** and **SDLC** with experience in writing & executing test cases and test scenarios.
- Major skills are **Automation Testing, Functional Testing, System Testing** and **Integration Testing**.
- Experience in **Functional Testing, Data Driven Testing, SAP Testing**.
- Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling**.
- Write efficient, maintainable, and reliable automation scripts and code for different application layers and platforms. Ensure proper integration of test automation scripts with version control systems and **continuous integration/continuous deployment (CI/CD) pipelines**.
- Define **strategies for managing test data** and create mechanisms to ensure data integrity and security. Coordinate with infrastructure teams to set up and maintain testing environments that closely mimic production conditions. Performed **Continuous integration automation testing** using **Jenkins, Gitlab, AWS** and scheduled the tests to run at specific time and during the build deployment.
- Expert in **providing technical solutions** and have been appraised for the solutions implemented
- Collaborate closely with **development, QA, and product** teams to understand requirements and translate them into effective automated tests.
- Performing impact analysis for **SAP tests** using **LiveCompare**
- Identifying test coverage and gaps for **SAP** updates using **LiveCompare**
- Creating test plans and requirements in **TOSCA** using **LiveCompare**
- Mentor and guide team members **on test automation best practices, coding standards, and troubleshooting techniques**.
- Lead efforts to standardize and streamline testing processes across projects. Having good background in all phases of software engineering such as Requirement gathering, Analysis, Design, Coding, Development approach, developing, Documentation and Implementation and also developing Methodologies like **Agile and Waterfall**.
- Having ability to quickly analyze and provide solution to the defects/issues.
- Involved in continuous improvement in development approach process as per organization and customer requirements.
- Being as a **dynamic team player**, who is consistently motivated towards success and completion of projects with an ability to work independently.
- Overall responsibility for the day to **day operations of the project**, reporting periodically to all the stakeholders, **Project Planning and Tracking, Risk Analysis**, counter action and Team building and on site Deployment

## CERTIFICATIONS:

- Under gone 3 Months Infosys Training on
- Programming Fundamentals in C and Java
- Basics of RDBMS, SQL.
- Infosys Quality Foundation Certification
- Tricentis Certified Specialist-AS1

- Tricentis Certified Specialist-AS2
- Tricentis Certified Specialist-API
- Tricentis Certified Specialist-Tosca Query Language (TQL).

#### Educations Details:

- Graduation Course: - Bachelor of Technology in Mechanical Engineering.
- University: - K L University, Guntur, Andhra Pradesh

#### TECHNICAL SKILLS:

<b>Operating systems</b>	Windows 7/8, UNIX, LINUX, Mac OS
<b>Framework</b>	TestNG, Cucumber BDD, Maven, Postman, Rest assured, Karate, Junit, and Soap UI, Eclipse, <b>pySpark</b>
<b>Languages</b>	Java, Java Script, XML, JSON, HTML, DOM, SQL
<b>Automation Tools</b>	Selenium IDE, Selenium Web Driver, Selenium RC, Selenium Grid, Quick Test Pro, Cucumber BDD, JUnit, JMeter, TestNG, log4j, Soap UI, Jenkins, GIT, Tosca Test Suite-LiveCompare, Protractor, OATS, Postman, Xcode.
<b>Reporting Tools</b>	JIRA, Bugzilla, Quality Center, HP ALM
<b>Version Control Tools</b>	GIT, Jenkins
<b>Developing Models</b>	Agile/Scrum, Waterfall model
<b>Database</b>	MySQL, MS SQL, SQL Server
<b>IDE</b>	Eclipse IDE, IntelliJ, Visual Studio
<b>MS Office Tools</b>	Outlook, MS Word, MS Excel, MS PowerPoint, MS Access

#### 1. Project Title:- Evolution

September-2023 to Present

Client :- Charter Communications

Role:- Automation Architect.

#### Responsibilities:-

- Responsible for periodic Test Cases as per updating of Test Plans and Requirements and Business rules.
- Developed **automation scripts** for new enhancements using **Tosca Test Suite**.
- Create and maintain reusable automation components, **libraries**, and **templates**. If required, select appropriate test automation tools, technologies, and languages based on project requirements.
- Created different types of reports of Execution status of Automation scripts through **Tosca Reports**.
- Performed **Continuous integration automation testing** using **Gitlab** and scheduled the tests to run at specific time and during the **build deployment**.
- Created automation framework using **Tosca Model Based framework**.
- Integrated **Tosca Test Suite** for distributing tests on the cloud and integrated Tosca with continuous integration tool.
- Performed **Web Services Testing** and XML validation using request and **response XML's** using **Postman**
- During testing life cycle, **performed** different types of testing like **Smoke Testing, Load Testing, Integration Testing** and **Automation Testing**.
- Automation Regression Testing by executing **automated test scripts** in various environments in **Staging, Dev, and Prod** with **Distributed Execution (Dex)** in Tosca.
- Reported bug using Project Tracking tool **JIRA**.

**Skills Used:-** Tosca Test Suite, AWS-Devops, Gitlab.

## 2. Project Title: Power NS

July-2021 to September-2023

Client: Norfolk Southern(Concentrix Catalyst)

Role: Automation Technical Architect

### Responsibilities:-

- Responsible for periodic updating of **Test Plans and Test Cases** as per Requirements and Business rules.
- Developed **automation scripts** for new enhancements using **Tosca Test Suite**.
- Create and maintain reusable automation components, **libraries**, and **templates**. If required, select appropriate test automation tools, technologies, and languages based on project requirements.
- Good experience in **mobile testing** using **Tosca with Sauce labs** in both IOS and Android applications using **Xcode Simulator** and emulator.
- Created different types of reports of Execution status of Automation scripts through **Tosca Reports**.
- Performed **Continuous integration automation testing** using **Jenkins** and scheduled the tests to run at specific time and during the **build deployment**.
- Created automation framework using **Tosca Model Based framework**.
- Integrated **Tosca Test Suite with Sauce labs** for distributing tests on the cloud and integrated Tosca with continuous integration tool.
- Performed **Web Services Testing** and XML validation using request and **response XML's** using **Postman**
- Performed impact analysis for **SAP tests** using **LiveCompare**
- Identifying test coverage and gaps for **SAP** updates using LiveCompare
- Created test plans and requirements in TOSCA using **LiveCompares**
- Maintained all the **automated test scripts** in **GitHub**.
- During testing life cycle, **performed** different types of testing like **Smoke Testing, Load Testing, Integration Testing** and **Automation Testing**, SAP Testing.
- Automation Regression Testing by executing **automated test scripts** in various environments in **Staging, Dev, and Prod in iOS & Android with Distributed Execution (Dex)** in Tosca.
- Experienced in open-source **automation tools (Selenium)**, developing and executing **automation test scripts**
- Reported bug using Project Tracking tool **JIRA** and Test Management tool **qTest**.

**Skill Used:** TOSCA Test Suite, Sauce labs, GitHub, Jenkins, qTest, Xcode Simulator.

## 3. Project Title: Content & Authoring

May-2020 to July-2021

Client: S&P Global(Ness Digital Engineering)

Role: QA Lead Engineer

### Responsibilities:

- Developed test **automation scripts** using **Tosca Test Suite** for regression and **performance testing** of the various releases of the application.
- Developed **Automation Framework** from a scratch using **Tosca Involved** in writing **automation test scripts** and execute the **test scripts**.
- Developed **automation framework** by following a **model based approach** for continuous Integration **Testing through Distributed Execution (Dex)**.
- Created and **enhanced numerous test scripts** to **handle changes** in the objects, in the **tested application's GUI** and in the **testing environment** using **Tosca Test Suite**.
- Generated **Test Reports** using **Tosca test script execution** and **created the error screenshots**.
- Performed **Continuous integration automation testing** using **Jenkins** and scheduled the tests to run at **specific time** and during the **build deployment**.

- Used **GIT** as **version control tool**, doing peer reviews and code check was done before checking the code.
- Used **Postman** and **Rest Assured** for **REST API**. Tested request and response **XML's** based web services interfaces using **Postman**.
- Created custom framework for **API automation** using **Tosca API** also used **Postman** for validation.
- Performed **end-to-end testing** considering all **interfaces** and subsystem for **functional** and non-functional testing.
- Identified correct **GUI elements** using various **Tosca properties**, Page Objects, **XPath** and **CSS** to find the **Web Elements** using **Tosca** and **creating automation scripts**.
- Used **Postman** tested request and response **XML's** based web services interfaces using **Postman**.

**Skill Used:** TOSCA Test Suite, Postman, HPALM

#### 4. Project Title: BankofAmerica

June-2017 to April-2020

**Client :** BankofAmerica(Accenture)

**Role:** Test Engineering Analyst

##### Responsibilities:

- Analyzed system requirements specifications, **developed test plans**, **test cases**, and **test data** for testing the functionality, **GUI**, **usability**, **user acceptance tests** with both Positive and **Negative Scenarios**, **especially** focused on logical **scenarios** of the application.
- Designed **Test cases** from Requirements, Functional Specifications and **Design Documents**.
- Created and updated test **cases** in Excel sheets and **generate Traceability Matrix**.
- **Automated** and Executed the **Automated test cases** through **Tosca Test Suite**.
- Prepared **Test report** at the end of **testing phase** for business **stakeholders** for their weekly meetings.
- Performed **Manual Testing** to check flow of the **application**.
- During testing life cycle, **performed** different types of testing like **System Testing**, **Integration Testing** and **Regression Testing**.
- Created Test **Execution Matrices** during the test cycle.
- Used **Quality Center** to define requirements, **design test steps**, **run as test set**, **report**, **track and close bugs**.
- Executed test cases compared with expected **values** and pass/fail reports updated through **Quality Center**.
- Performed database testing by passing **PL/SQL queries** and executed the regression test cases before handed over to UAT.
- Actively participated in **status reporting meetings** and interacted with development to discuss the technical issues.

**Skills Used:** Tosca Test Suite, HPALM

#### 5. Project Title: Star Bucks

Feb-2015 to May-2017

**Client:** Star Bucks (Infosys)

**Role:** Test Engineer

##### Responsibilities:

- Creating and Execution of the **Test Cases** Using **HP ALM**.
- Involved in **System Testing**
- Involved in **designing automated testing scripts** and test cases using **Tosca Test Suite**.
- Involved in Regression Testing
- Involved in **Test cases Review** of the application.
- Defect tracking and **verification**, classification of Issues based on the severity.
- Responsible for preparing test plans, **test strategies** for new projects.

**Skill Used:** TOSCA Test Suite, OATS, HPALM