Jenifer Maria John Joseph

.Net C# Automation Testing

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| Objectives |
| Seeking challenging career in a creative and competitive environment where I could constantly learn, which enhances my professional skills, and enables me to contribute for the growth of the organization. |  |
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| Experience Summary: |

* Having total 8 Years (5 years as a Software Developer and 3 years as Software Automation Tester) of extensive experience as a Software Engineer.
* Have been a part of development team in various stages of application development.
* Have experience in taking individual responsibility for automating a component within a short span of time and accomplished the same with limited guidance from client.
* Experience in guiding the team members technically and providing required support to complete tasks on time.
* Experience in .Net C#, with knowledge of Winforms and WPF Application development.
* Experience working in MVVM Pattern.
* Experience in writing reusable, testable, and efficient code
* Experience in writing basic sql queries.
* Experience working in Specflow BDD Automation Testing using White UI Automation Framework.
* Good exposure to writing NUnit testcases and do unit testing using ReSharper tool.
* Good exposure to Jenkins for node creation and feature wise job creation and testcase execution in batches.
* Experience of code versioning tools such as Perforce.
* Defect Reporting and Tracking using Automation Test Management Tool like Quality Center (QC).

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| Technical Skills: |

**Programming Languages :** C#, WPF, Winforms

**Frameworks :** .Net, WhiteUI, Automation Framework, Microsoft UI Framework, SpecFlow

**Softwares** **:** Jenkins, NUnit, NCover, ReSharper tool

**DBMS :** Sql

**Operating Systems :** Windows Family

**Defect Tracking Tools :** Quality Center

**Version Control Tool**  : Perforce

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| Professional Summary: |

* Working as Prof-App Dev at Sutherland Global Services, From June’19 to till date
* Worked as Associate Consultant at Capgemini, Mumbai from Aug’16 to May’19
* Worked as Associate Software Developer at Weatherford, Mumbai from June14 to Jul’16
* Worked as Software Engineer at Master Sys Technologies, Chennai from Jan’12 to Jan’14

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| Projects: |

Project #1

**Title** : Image Orientation – Automation testing Project

**Organization** : Sutherland Healthcare Pvt Ltd

**Client** : Philips Healthcare Pvt Ltd

**Duration :** June 2019 to Nov 2019

###### Description:

MR Application is used in hospitals for MR Scanning purpose. Image Orientation Application is a part of MR Application which has all unilateral and bilateral anatomies of human body. Each and every anatomy can be customized based on the different available settings and used during MR scan.

###### Responsibilities:

* Developed object repository model, Map classes and Action classes based on Microsoft UI Automation framework for the Image Orientation application.
* Developed interface classes and workflow classes for accessing the UI controls.
* Analyzed and developed workflow methods based on the different testcase requirements and scenarios.
* Developed around 120 testcases covering all the scenarios and requirements specified in the manual testing document and achieved a code coverage of 75%..
* Unit testing and debugging the testcases using ReSharper tool.
* Executing testcases in batches using NUnit 2.6.2 GUI Runner and analyzing the failed testcases and fixing all the code related issues.
* Running NCover tool against the exe and checking the code coverage for the component.

Project #2

**Title** : Universal Viewer – Automation testing Project

**Organization** : Capgemini Pvt Ltd – GE Healthcare

**Duration :** December 2016 to May 2019

###### Description:

Universal Viewer is an application mainly used in hospitals by the radiologists for storing all the patient related information. Radiologists use the application for viewing patient x-rays, edit and update the measurements in the x-rays during scan.

###### Responsibilities:

* Write GWT’s, create Page object model and workflow model code, write step definition code for automating the test cases for PS360 Module and Universal Viewer application.
* Write clean-up code, reusable generic code to reduce pre-requisite setup time, execute batches and resolve batch issues and helped in increasing the quality of delivery and sprint count.
* Create Nodes and feature wise Jobs for the application and execute batches using Jenkins.
* Analyse the issues in the batch runs and provide code fix if needed and report the application issues to the client.
* Actively involved in internal training session for new team members.

Project #3

**Title** : TAF\_GUI – Support project for Rockwell

**Organization :** Capgemini Pvt Ltd

**Client** : Rockwell

**Software :** .Net C# Winforms

**Duration :** August 2016 to November 2016

###### Description:

Worked on analyzing and converting a huge excel sheet data into a windows based application to support Rockwell project.

###### Responsibilities:

* Understood the technical details of the various inputs in excel sheet and other requirements from client and implemented the required changes in the UI design and in the functionality in a short time span.
* Coded various functionalities for dynamic table creation based on admin changes.
* Implemented CRUD operationsand validation functionalities for the tables.

Project#4

**Title** : Plunger

**Organization :** WeatherfordPvt Ltd

**Software :** .Net C# WPF

**Duration :** June 2014 to December 2015

###### Description:

Plunger is a Gas-lift simulation software that empowers the engineers to interactively verify and fine-tune their design before the gas-lift system goes into execution in the Oil well. It is a .Net C# WPF development project.

###### Responsibilities:

* Successfully designed a 3D Gauge that keeps rotating using viewport 3D
* Coded the calculation part of the simulation process.
* Added two new unit systems and modified unit types based on the software requirement and coded functionalities for including it in the application after analyzing the current custom control library.
* Formulated functionalities for binding the simulation results to chart controls
* Designed the major UI of the application and penned down functionalities for binding the input values and simulation results to the respective controls.
* Coded functionalities for various validation related issues of controls both in the input and result calculation section based on the unit system selected by the user in the application.

Project #5

##### **Title** : Dynalift

**Organization :** WeatherfordPvt Ltd

**Software :** .Net C# WPF

**Duration :** January 2015 to July 2016

###### Description:

Dynalift is a Gas-lift simulation software that empowers the engineers to interactively verify and fine-tune their design before the gas-lift system goes into execution in the Oil well.

###### Responsibilities:

* Designed Unit Systems Window in Settings tab of the application.
* Composed various functionalities for allowing the end user to create, delete, modify and reset a new Unit System, unit type and units based on the already existing unit System.
* Fixed various application bugs reported by the clients.

Project #6

##### **Title** : SandAid

Organization : Weatherford Pvt Ltd

**Software :** .Net C# WPF

**Duration :** January 2015 to March 2015

###### Description:

SandAid is a Gas-lift simulation software that empowers the engineers to interactively verify and fine-tune their design before the gas-lift system goes into execution in the Oil well.

###### Responsibilities:

* Coded functionalities for validating casing and tubing datagrid table details.
* Coded functionalities for validating datagrid row validation between two datagrid tables
* Fixed various application bugs related to validation issues reported by the client.

Project #7

##### **Title** : MTAS (Msys Test Automation Software)

Organization : Master Sys Technologies Pvt Ltd

**Duration :** January 2012 to January 2014

###### Description:

MTAS is a test automation software which can be used for automating web pages.

###### Responsibilities:

* Acquired comprehensive knowledge about **MTAS Windows and Web Recording**, writing and executing MTAS TestCases.
* Automated Ericom TestCases for Amazon WebConnect server using MTAS Windows Automation.
* Tested various MTAS Windows Automation functionalities for **Ericom TestCases and reported many issues and enhancements** in **Mantis BugTracker.**
* Written and Executed various functionalities for importing data from **DataGrid control to ExcelSheet, XML and vice versa using OLEDB** and **XPath** for **MTAS Mapper tool.**
* Researched and analysed on a private cloud computing software called **Openstack** and setting up environment for creating and managing **Virtual machines** for executing **MTAS.**

Project #8

##### **Title** : MMTAS(Msys Mobile Test Automation Software)

Organization : Master Sys Technologies Pvt Ltd

**Duration :** January 2013 to January 2014

###### Description:

MMTAS is a test automation software which can be used for automating mobile applications.

###### Responsibilities:

* Analysed and worked on providing ideas to resolve **APK versioning** issue in MMTAS and prepared an analysis document about the **database changes** and **MMTAS GUI changes**.
* Made a research and analysis about a open source logger tool Log4Net and MsysLogger and prepared a report based on the analysis.
* Worked on **updating** several functionalities for implementing **enhancement features** in MMTAS.
* Worked on updating MMTAS Sqlite Database (both schema as well as table data changes) everytime when the user runs the MMTAS application as well as when the user installs the MMTAS application in the computer.
* Worked on re-designing MMTAS application GUI and integrating functionalities using Windows Presentation Framework (WPF).