### ****Mathi Gowthaman****

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### SUMMARY

* Over **Ten** **Years** of exclusive experience in Software Testing and Quality assurance of various business applications using **HP Automation Suite - QTP, Quality Center, Smart Bear Test Complete, Performance and Load Test using Visual Studio Team System** and **Manual** testing process.
* Excellent Scripting knowledge of **Quick Test Pro(VB Script), Test Complete(VB Script)** and working knowledge in **Coded UI Test** using Visual Studio Team System
* **Webservices** Testing using SOAP UI and Postman tool
* Excellent knowledge in SQL to perform backend testing
* Basic knowledge in Unix systems
* Basic knowledge in FIX Protocols
* Trained in Alteryx tool for Data Analysis
* Working knowledge in Team Foundation Server and Perforce Versioning tools.
* In-Depth understanding of Penetration Testing - User Authorization testing, Cross Site Scripting and SQL injection
* In-Depth understanding of **Agile Scrum** methodologies and Waterfall Testing methodologies, Software Development Life Cycle (SDLC), Defect Cycle, and writing Test Plan.
* Expertise in writing Test Plan, Traceability Matrix and Release Notes.
* Programming experience in FoxBase and expert in developing spreadsheets.
* Knowledge of HTML, DHTML, RDBMS and VB .NET.
* Excellent communication skills, analytical, documentation and interpersonal skills to work as a team player.

### PROFESSIONAL EXPERIENCE

### Global Aerospace Inc. December 2017 – Current

**Role : Automation QA Analyst**

Currently working on a Broker portal that gets data from Insurance holders and pass on information to Underwriters from multiple systems. This platform is built in Angular js, C++ and java based applications.

**Responsibilities:**

1. Primarily responsible for creating and maintaining Automated scripts in Test Complete tool
2. Co-ordinate with offshore developers team located in London
3. Responsible for creating and maintaining automated test scripts
4. Responsible for ensuring data is transferred between systems and visible to corresponding brokers and insureds only
5. Verifying REST services before being deployed to applications using Postman, SOAP UI or visual studio team system
6. Generating status reports from TFS and Bug Tracking using TFS
7. Capacity and Endurance testing using Visual Studio Team System
8. Currently involved in building proof of concept for migrating data from Tamino database to SQL
9. Training new resources on applications

### Environment: Test Complete (VB Script), SQL

### Intercontinental Exchange (NYSE) June 2015 – December 2017

**Role : Sr. QA Analyst**

Worked on Universal Broker Systems, a desktop trading application used by Brokers at NYSE’s trading floor. This is a C++ and Java based application, primarily responsible for creating and maintaining Automated scripts in TestComplete and Requirements Traceability.

**Responsibilities:**

1. Primarily responsible for creating and maintaining Automated scripts in Test Complete tool
2. Maintain and execute targeted regression test suite for periodical release
3. Assist maintaining test suites and identifying automatable testcases for execution

**Environment: Test Complete (VB Script), UNIX, SQL**

### KPMG LLP Nov 2010 – May 2015

### Role : Sr. QA Associate

Worked on a HTML based Global Compliance Management system, designed for internal and

external KPMG tax preparers. Global Compliance Application is a multi lingual application integrating with many other internal modules under one platform.

## Responsibilities:

1. Manage Task and Resource allocation between onshore and offshore QA resources.
2. Develop and run Automated test cases using Unified Functional Testing tool (QTP)
3. Prepare test plan for performance and load testing
4. Periodically update scrum masters (Project managers) on the testing status
5. Prioritize the issues coordinating with product owners (Sr. Business Analysts) and communicate to the developers
6. Heavily involved in data migration testing when the application evolved from interwoven and

sharepoint to EXTJS technology

* Used Alteryx tool to analyze data migrated from one environment to the other

1. Used SQL extensively for validating from the backend
2. Responsible for cross browser, multiple platforms and Globalization upto 6 languages

**Environment: Unified Functional Testing tool (QTP), VSTS 2013, Microsoft Team Explorer,**

**Scrum methodology, SQL**

### KPMG LLP Dec 2009 – Oct 2010

### QA Automation Lead - Consultant for Orion Inc.

Orion System Integrators Inc provides sophisticated end-to-end solutions and comprehensive infrastructure solutions to leading business across the globe. Our team is involved in testing KPMG’s desktop application for implementing their concept of paperless auditing software called eAudit.

## Responsibilities:

1. Develop and implement automated scenarios based on functional requirements.
2. Automate Manual Test Cases using Test Complete Automation tool in **VB Script**.
3. Converted the reporting system from Test Complete to HTML and Excel format
4. Interact with Developers and Analysts for the Automation requirements, design the requirements, delegate and monitor progress.
5. Maintain Smoke Test for weekly build using robust automated smoke test

* Bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status
* Validation from Backend using SQL commands
* Manage task and resource allocation, Prioritize and implement optimum strategy for delivery.
* Document the issues and enhancement requests to assist development team with concise and detailed steps for reproducing the problem. Verified resolved Change Requests and maintained accurate status for Change Requests entered in each project
* Briefly working on Visual Studio Team System 2010 coded UI testing

## Environment: Automated QA Test Complete, .NET, VB Script, MSWord, MS Excel, MS SQL Server 2008, VSTS 2010

### Volt Services, NJ Jan 2008 – Jan 2009

### QA Automation Consultant for Orion Inc.

Worked on Consol staffing application for Volt Services Group. Consol is a web based application that enables electronic workflow and data management throughout the services procurement lifecycle from development of requirements to vendor payment for services and materials delivered. Application was developed in .NET and testing was performed using **QTP HP Automation Suite**.

## Responsibilities:

1. Automated Manual Test Cases using Quick Test Pro using **VB Script**.
2. Converted manual Test Cases entered in **HP Quality Center** to **QTP Scripts**.
3. Converted the reporting system from Test Complete to HTML and Excel format
4. Identified, Prioritized, and implemented test cases.

* Bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status
* Configured QA environment and executed QTP scripts at the client place
* Verify data accuracy through backend using SQL
* Documented the issues and enhancement requests to assist development team with concise and detailed steps for reproducing the problem. Verified resolved Change Requests and maintained accurate status for Change Requests entered in each project

## Environment: HP Tool QTP, .NET, VB Script, MS SQL, MSWord, MS Excel

### KPMG, Montvale, NJ Jun 2007 – Oct 2007

### QA Consultant for Orion Inc.

Kpmg is one of the leading audit and advisory firm in the US. Our team was involved in testing their interactive application for Auditors and Clients. Our objective was to generate test scripts in QTP which helped them with regression testing of their application.

## Responsibilities:

* Developed and executed Manual **Test Cases**.
* Automated Manual Test Cases in **QTP** using **VB Script** for Functional and Regression Testing**.**
* Documented the issues in Quality Center.

## Environment: HP Tools QTP, Quality Center, HTML, XML, MS Word, MS Excel, and VB Script

### Delta Dental of New Jersey Inc., Parsippany, NJ Nov 2006 – Apr 2007

### QA Consultant

Delta Dental is one of the largest dental insurance providers to consumers in the country. Our team was involved in testing their interactive website for providers and members. Our objective was to convert manual test cases to **QTP** scripts which helped them with regression testing of their application. We built a robust testing environment for their claim processing and billing system.

## Responsibilities:

* Developed test scripts and converted **Test Cases** from Quality Center to **QTP scripts** using **VB Script** for Functional and Regression Testing**.**
* Wrote **Test Cases** using Mercury Quality Center and reviewed their consistency with Delta Dental’s business requirements.
* Documented the outcomes Tests in Quality Center.

## Environment: HP Tools QTP, Quality Center, MS Word, MS Excel, MS PowerPoint, and VB Script

## Christine Valmy Inc., NJ, USA Feb 2005 – Sep 2006

## QA Tester

Christine Valmy is a cosmetic manufacturing company and Cosmetology training center which has agent networks throughout the world. The objective of the project is to build a new portal to serve their chemists to interact from various ends and also keeping track of grading for the students. Our goal was to understand the business and thoroughly test all the features of their application.

## Responsibilities:

* Analyzed system requirement specifications and developed Test Plans, Test Cases to cover overall quality assurance testing.
* Used SQL to perform Backend testing.
* Executed scripts for the validation process with implementation
* Bugs and issues were documented using **TestDirector**.

**Environment: Test Director, VB 6.0, JSP, ASP, HTML and Windows NT.**

## Mobility Medicals, Dubai, UAE Dec 1997 – Nov 2001

## Data Software Research Centre, Softlab (I) Ltd.,

## Software Deployment Analyst / Tester

Mobility Medicals is a chain of retail Chemist outlets. Our objective was to ensure Stock availability, requirements, order for stocks, Suppliers details, payments using modules like Item master, Item list, Orders, Payment Details and Reports for Orders placed, Items received, Item orders of the month, Payments, etc, were recorded in the application.

## Responsibilities:

* Involved in writing test cases and in **manual testing**.
* Involved in the maintenance of the Bug Tracking and reporting system.
* Involved in testing of data entry screens and transaction screens.
* Involved in manually testing the Functionality of the item detail and company detail modules.
* Documented the **Test Cases, Test Procedures**, **Test** **Scripts** and **Test Metrics**
* Performed **acceptance** and **regression** testing on several builds of the application
* Involved in bug reporting and testing enhancement requests after fixes

**Environment: HTML, VB6.0, MS Office, Windows98, and SQL.**

## Data Software Research Centre, Softlab (I) Ltd., Chennai, India From Apr 1998

## Programmar

The project was to build a software system for inventory control and financial management system for any organization. The design of this system was made in such a way that any small sized industry can use the software package and customization could be easily achieved. Programming was done using dBase/Fox Base.

**Responsibilities:**

* Developed various modules of the application using dBase.
* Organized and documented related requirements.
* Collected User Requirements from time to time.
* Prepared User Guides for Applications**.**
* Extensively used SQL to verify data in the backend.
* Performed the data validation to meet all test condition requirements.
* Participated in the team meetings to discuss the issues arising out of testing.
* Verified that all business requirements are covered and are properly implemented.

##### Environment: FoxBase, Clipper, MS-Word, Ms-Excel, and Windows98

**Education**

* Bachelorsin Science (Computer Science), Madurai Kamaraj University, India