

Professional Preface

- ⇒ **6 years** of experience in:
 - **Automation Testing, Android Device Automation and app resource testing, Test Automation Framework Design and Web Application Development**
- ⇒ Rich experience in creating automation framework with insightful knowledge of Analysis & Testing.
- ⇒ High Analytical and problem solving ability and sound knowledge in **C# and Java**.
- ⇒ Performed testing activities in Share Point Application Testing, Web Application Testing, ERP and Mobile app etc.
- ⇒ Smart knowledge in web application development and web services,
- ⇒ Adept at carrying out various tests and inspection for various processes and checking the quality standards of final product delivered to the customer.
- ⇒ Deft in handling end-to-end projects from inception, requirement specs, planning, implementation, configuration management, documentation and closure with cross-cultural teams.
- ⇒ An effective communicator with relationship management skills with the ability to relate to people at any level of business and management.
- ⇒ Infosys Rated CRR 1+ rated employee for all the three cycles.

Employment Recital

Since Sep'14	Impiger Technologies	SSET
Nov'10 - Aug 14	Infosys Limited, Chennai	Test Engineer
Jul'09 - Aug'10	Zeya Technologies, Madurai	Jr. Software Engineer

Skill Set:

- ⇒ Currently serving as SSET at **Impiger Technologies**. Handling various test automation projects, starting from creating regression test suits, performing POC for various tools available in market , giving better view on ROI through automation, design test automation strategy , seeks review of test cases, ensure optimum test environment setup, execute test scripts, and create defective prevention plans with an objective of delivering effective testing solutions for clients.

Technical:

- ⇒ **Application Development IDE:** Microsoft Visual studio IDE, Eclipse.
- ⇒ **Database Management tools:** MS SQL Server 2008, MS Access.
- ⇒ **Data Virtualization Tools:** Composite Studio 6.1
- ⇒ **Automation Test Tools:** Microsoft Coded UI, UFT, Selenium with C# and Java, Selenium Geb Framework, Android UI Automation , ADB Interface and Android app resource monitoring and testing.
- ⇒ **Test Management Tools:** Microsoft Test Manager (MTM), Test link and Jira.
- ⇒ **Web Designing:** HTML, ASPX.
- ⇒ **Programming language:** C#, Java and VB scripting.
- ⇒ **Client Scripting:** JavaScript, JQuery.
- ⇒ **Source controls:** Team Foundation Server, SCM with Tortoise HG and Git.
- ⇒ **Test Framework:** TestNg and Junit.

Functional:

- ⇒ Effectively work with the Onsite Personnel / Clients on to understand the functional and non-functional requirements for the engagement, Analyses the information learnt and prepares test requirement specifications for the team.
- ⇒ Receives setup instructions on infrastructure, data & software, Plans and completes set up, prepares test data as required and populates test data in order to ensure commencement of test execution
- ⇒ Writes complex functional/non-functional test cases, prepares RTM for the same, provides review feedback for test cases/scripts and RTM prepared by the team members, implements mitigation plans identified for risks in order to commence test execution for manual testing projects and test scripting for automation/performance testing projects
- ⇒ Understands the test cases / scenarios, Designs and develops medium to complex scripts (automation, performance and any other specialized testing), using specialized testing tool(s), Validates the test script, Seeks reviews from lead and conducts peer reviews and updates accordingly in order to commence test execution

- ⇒ Reviews results of test cases executed by the test engineers, Participates in defect triages, participates in test execution of key modules in order to identify defects in the application
- ⇒ Plans for KT sessions, participate in KT sessions, conduct shadow support in order to complete transition

Roles and Responsibilities Played:

- ⇒ Identification of Regression test cases to automate.
- ⇒ Identifying Automation tool and feasibility for functionality.
- ⇒ Worked on Automation estimation for each builds.
- ⇒ Generating Weekly Status Reports and test summary Assigning Test scripts to the team.
- ⇒ Tracking the test management activities in MTM tool.
- ⇒ Consolidating team work and updating status to the Project Manager.
- ⇒ Analysis on any Production or UAT issue and responding to user queries
- ⇒ Doing the R&D on various automation tools and suggest the client to use open source tool to reduce the project cost
- ⇒ Provide the POC to clients to kick off the test automation
- ⇒ Mentoring team members on automation tools and do self-study various tools.
- ⇒ Preparation of Test Plan, Test Completion Report and Action Tracker Documents.
- ⇒ Coordinating between offshore and on-site
- ⇒ Supporting UAT deployment.
- ⇒ Preparation of Use Cases for the prepared Business Requirements
- ⇒ Preparing Requirements Traceability matrix and maintain for all functionalities with associated Test cases.
- ⇒ Test Execution and Test execution logs maintenance in test management tools and Project Workspace.

Projects Handled:

SharePoint Automation Testing:

Name : **Content Management System**
 Customer : British Petroleum
 Project type : Automation Project (**Developed Hybrid Automation Framework using Coded UI with C#**)

Description:

- ⇒ The GDMP document management solution will provide a centralized document management system for entire BP segment.
- ⇒ The GDMP document management solution will build a platform which will be used by the different SPUs and country to provision, extend and Implement the document management solution.

Tools Used and key implementation:

- ⇒ Microsoft Coded UI, Microsoft Visual Studio Team System 2010 (TFS), MTM (Microsoft Test Manager).
- ⇒ Automated third party tools like Brava viewer etc.
- ⇒ Developed Hybrid automation framework on Coded UI with C#.
- ⇒ Tracking the test management activities in MTM tool.

Droid Automation

Name : **MTAF**
 Customer : Mobile automation Product
 Project type : Automation Project (**Developed Hybrid Automation Framework with performance and data monitoring for android apps**)

Description:

- ⇒ Using UIAutomator and android ADB interface as base, On top of it created the hybrid framework. Which support all android device and all apps above API 19.

Tools Used and key implementation:

- ⇒ Google UIAutomator library, ADB Interface, used Java Language with Am-chart (JS based live charts)
- ⇒ During execution we can also display the memory, data usage and CPU utilization by the app.

Android Remotely:

Name : **Droid Remote**
 Customer : Internal Product
 Project type : Device Service on cloud (accessing the real android devices through browser)

Description:

⇒ In company since engineers (Dev and Test) were situated in various locations. We faced an issue in using real devices for testing and dev purposes (availability of all devices across locations) hence we thought to add all devices on cloud and engineers will access the device over Internet and Engineers can also run the automation scripts remotely

Tools Used and key implementation:

⇒ ADB Interface, Java servlets, HTML5, Binary JS, Ajax controls and Shell scripts.

Umbraco Based E-commerce Application Automation

Name : **e-Commerce site**
Customer : Kohler
Project type : Automation Project (**Developed content based test automation framework**)

Description:

⇒ Kohler implementing e-commerce worldwide, product listing will happen according to the region and Geo graphic location across hence testing each site with its own data and product listing is the challenge faced by Kohler

Tools Used and key implementation:

⇒ Selenium web driver with Java combination Continuous integration achieved with Gradle build.
⇒ Developed content based automation solution for testing the site.

Automation on Web Based Application:

Name : **Cardinal E-Commerce Solution (B2C)**
Customer : Cardinal Health, Inc., Dublin, Ohio.
Project Type : Automation Testing (Selenium RC)

Tools Used and key implementation:

⇒ Selenium IDE, Selenium Remote Control, VS 2008 and Nunit.
⇒ Prepared scripts to automate test cases using selenium RC with C#.
⇒ Created test strategies and came up with the idea of using Nunit to create test automation suites.

Description:

⇒ Cardinal Health solution Cardinal Health the business behind healthcare, Cardinal Health helps pharmacies, hospitals and ambulatory care sites focus on patient care while reducing costs, improving efficiency and quality, and increasing profitability. It wants to provide the E-commerce solution to their customers (B2C).

Data Virtualization Testing:

Name : **MDM IT & Scorecard**
Customer : British Petroleum
Project Type : Manual and Database Testing (Testing Data Virtualization)

Description:

⇒ This project is intended to deliver a technology solution that will automate the process of generating Scorecards within IT&S. Given that most areas of IT&S are now producing MI in one form or another, single solution is required that can allow for flexibility of design and content across teams, but combines investment into a single solution that can be easily maintained by business users and adapt to a changing MI requirement over time.
⇒ The "Mapping & Metrics Repository" product is being designed to handle the above needs in a generic way using data virtualization management tool Composite studio 6.1.

Tools Used and key implementation:

⇒ Dundas Dashboard (web-based platform that enables users to create their own interactive dashboards), Microsoft Visual Studio Team System 2010 (TFS), MTM (Microsoft Test Manager) and Composite Studio 6.1.
⇒ Validating the Dundas Graph as per final data.
⇒ Prepared documentation on test scenario covered on Single Source.
⇒ Prepared Data Mapping document for each layer in Single source Composite Studio.

- ⇒ Self-Learning of Composite Studio 6.1.
- ⇒ Testing the data Historization and data staging in Single source.
- ⇒ Testing the data funnelled from layers wise.

Web Applications Developed:

Tools used:

- ⇒ Microsoft VSTS 2012 & MS SQL Server 2008, Crystal Report 10.0

Tools:

- ⇒ Auto Celebration mailer.
- ⇒ Internal Leave tracker.
- ⇒ Cross browser testing tool using Selenium RC for Static sites.
- ⇒ Quiz Contest application.
- ⇒ Knowledge management Portal.
- ⇒ QA Deliverable check List portal.
- ⇒ Employee On-boarding (HRD Tool).

Academia

MBA in Information Technology from Bharathiyar University in Part time (Pursuing)
BCA (Bachelor of Computer Application) from V.L.B.J College of Arts and science, Coimbatore in 2009 with 74%.
XII T.A.R.C Hr., Sec, School, Coimbatore in 2006 with 73%.
X from V.S.S.M High School, Coimbatore in 2004 with 74%.

Personal Details

Date of Birth:	15 th April, 1989
Present Address:	No 11, G1 Om Nivas, Subramaniam Street, Subramaniam Nagar, Keelkatalai Chennai - 600117
Permanent Address:	83A Nachi Muthu Gounder Street, Mettur, Kuruchi, Coimbatore - 641023.
Marital Status:	Married.
Passport Number:	H0603619 [Expires in 2020].
PAN:	CGHPS3134E.
NSR ITPIN:	751047802152.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:	Faithfully
Place: Coimbatore	(Sivaanand M)