

## Settipalli Amara

### Experience Summary

- 14+ Years of experience as a Software Testing in the Manual and Automation Software Testing.
- Good Expertise Airport Solutions and Government Solutions Projects.
- Good Expertise in Functional and Regression Testing using **Selenium, QTP, JMeter, web service, TOSCA, POSTMAN**.
- Expertise in Creating Test Scenario's and Test Cases based on the Functional Specifications.
- Expertise in Corporate Banking of CASH and TRADE, Travel Domains.
- Good Expertise in VB scripting, Java.
- Involved in all the phases of the Testing Life Cycle.
- Good exposure on agile framework experience.
- Extended work experience in Execution of Manual Test Cases and Automation Scripts.
- Proficient in Execution Methodologies and Analyzing the Results.
- Involved in Entire Software Development Life Cycle.
- Involved in Entire **AGILE** process.
- Preparation of Defect Summary Report.
- Participated in Reviews and Meetings.
- Ability to learn new technique and Skills.

### Employers

- Working in IGT **Chennai** as **Project Lead** from Jan 2021 to till date.
- Worked in **AFS Financial Services** OMAN, Muscat as **Module Lead** from April 2016 to Dec 2020.
- Worked in IGT **London** as **Senior Software Engineer** from April 2014 to 2016.
- Worked in IGT **Chennai** as **Senior Software Engineer** from April 2010 to 2014.
- Worked in Polaris Software Lab Limited, **Chennai** as Associate Consultant from Dec 2007 to March 2010.

### Education

- B. Tech (Electronics & Communication Engg) from J.N.T.University, in the year 2005.

### Area of Expertise

<b>Operation System</b>	Windows 95/98/2000/XP
<b>Tools</b>	QTP, ALM, Selenium, Jmeter, Laod Runner, JIRA, SOAP, TOSCA, POSTMAN
<b>Certifications</b>	TOSCA-Automation specialist Level-1 and TSOCA-Automation specialist Level-2.
<b>RDBMS</b>	SQL, PL SQL, Microsoft SQL Server 2019
<b>Configuration Management Tools</b>	Visual Source Safe
<b>Scripting languages</b>	VB Script
<b>Domain Knowledge</b>	Banking, Web Technologies and Client Server Applications, Travel Domain, Airport Iborder.

### Project Walkthrough

<b>Title</b>	DIGI YATRA
<b>Client</b>	India Government, BANGLORE AIRPORT
<b>Period</b>	01 Jan 2023 to till now.
<b>Position</b>	Project Lead
<b>Organization</b>	IGT

<b>Software</b>	Java Technology
<b>Third Party Tools</b>	AZURE ADO, SQL Server Management DB,POSTMAN, API Testing.
<b>Team Size</b>	8
<b>Project Description</b>	<p>Digi Yatra: A digital initiative by the Ministry of Civil Aviation (MoCA) aimed at providing passengers with a seamless and secure travel experience at airports.</p> <p>Passenger Enrollment: Passengers can enroll in Digi Yatra through a Mobile App and Aadhaar card (Indian biometric identity system). The Mobile App allows users to create a Digi Yatra account and submit biometric and Biographic traveler data, and BCBP.</p> <p>Traveler Enrolment Component (TEC) by CIS: CIS is developing the Traveler Enrolment Component (TEC), which facilitates the enrollment of Digi Yatra passengers into the Smart Path Hub(SPH). This enables seamless biometric passage for travelers.</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Understand the Business requirement and Analysis.</li> <li>➤ Creating Requirement traceability matrix</li> <li>➤ Creating the Rest Requests in POSTMAN collection.</li> <li>➤ Preparing the Test data for required test cases. and executing the REST API test by using POSTMAN tool.</li> <li>➤ Creating Defects by using the ADO tool.</li> <li>➤ Leading the defect triage calls to take the defects towards closure</li> <li>➤ Analyse the Result and report submission.</li> <li>➤ Preparing the Exit Summary report</li> <li>➤ Preparing Test Strategy</li> </ul>

<b>Title</b>	Digital Twin
<b>Client</b>	LaGuardia Airport, Toronto Pearson International Airport.
<b>Period</b>	01 Jun 2022 to 01 Dec 2022
<b>Position</b>	Project Lead
<b>Organization</b>	IGT
<b>Software</b>	Java Technology
<b>Third Party Tools</b>	AZURE ADO, SQL Server Management DB,POSTMAN, API Testing.
<b>Team Size</b>	10
<b>Project Description</b>	<p>Represent airport in 3d digital way with effectively collection IOT devices data and depicting them in a 3D manner. This application act as a central operation room views of an airport which gives a holistic view of the airport including the security zone, airport stands, gates, washrooms, aircraft etc. All data is collected and streamed through a web socket to show the real-time view. It also measures configurable KPI(s) defined and generates alerts.</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Understand the Business requirement and Analysis.</li> <li>➤ Creating Requirement traceability matrix</li> <li>➤ Creating the Rest Requests in POSTMAN collection.</li> <li>➤ Preparing the Test data for required test cases. and executing the REST API test by using POSTMAN tool.</li> <li>➤ Creating Defects by using the ADO tool.</li> <li>➤ Leading the defect triage calls to take the defects towards closure</li> <li>➤ Analyse the Result and report submission.</li> <li>➤ Preparing the Exit Summary report</li> <li>➤ Preparing Test Strategy</li> </ul>

<b>Title</b>	GSL VIS
<b>Client</b>	OMAN Government (Muscat International Airport)
<b>Period</b>	March 2016 to Dec 2020.
<b>Position</b>	Senor Software Test Engineer.

<b>Organization</b>	IGT
<b>Software</b>	Java Technology, Dot Net
<b>Third Party Tools</b>	Selenium, SOAP, JIRA, DB
<b>Team Size</b>	6
<b>Project Description</b>	The Visitor Information System (VIS) is an integrated system that empowers various organizations to identify, monitor manage visitors' and travellers' at border controls and within Sultanate of Oman, and includes an Entry/Exit system. The primary role of the VIS system is the storage of Events related to a Person's history and the analysis of Risk related to that Person.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Identifying the Automatable test cases by automation analysis</li> <li>➤ Writing the reusable components according the test cases.</li> <li>➤ Creating the Test case scripts</li> <li>➤ Preparing the Test data for required test cases.</li> <li>➤ Creating the Test cases in ALM for further Regression runs.</li> <li>➤ Coordinate with manual tester and set up expectation on what will be handled by automation team</li> <li>➤ Maintain the daily Status Report calls.</li> <li>➤ Executing the Regression Test case on Demand basis</li> </ul>

<b>Title</b>	IATA TIMATIC
<b>Client</b>	SITA
<b>Period</b>	01 July 2014 to 31 May 2016
<b>Position</b>	Project Lead
<b>Organization</b>	IGT
<b>Software</b>	Java
<b>Third Party Tools</b>	AZURE ADO, MIndMaps, TOSCA, Mongo DB,POSTMAN
<b>Team Size</b>	12
<b>Project Description</b>	IATA Timatic is used by airlines and travel agents to verify passenger travel document requirements for their destination and any transit points. Airlines use various Timatic solutions to ensure their customers are compliant with border control rules and regulations. Timatic delivers personalized information based on the passenger's destination, transit points, nationality, travel document, residence country etc.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Identifying the Automatable test cases by automation analysis.</li> <li>➤ Writing the reusable components according the test cases.</li> <li>➤ Creating the Test case at MIndMap.</li> <li>➤ Preparing the Test data for required test cases.</li> <li>➤ Creating the Test cases in TOSCA for further Regression runs.</li> <li>➤ Coordinate with manual tester and set up expectation on what will be handled by automation team</li> <li>➤ Maintain the daily stand up.</li> <li>➤ Executing the Regression Test case on TOSCA tool basis.</li> <li>➤ Analysis the Result and report submission.</li> </ul>

<b>Title</b>	Universal Desktop
<b>Client</b>	Travelport,USA
<b>Period</b>	November 2012 to 2014 June
<b>Position</b>	Software Test Engineer.
<b>Organization</b>	IGT
<b>Software</b>	VB.NET Technology
<b>Third Party Tools</b>	QTP, ALM
<b>Team Size</b>	6

<b>Project Description</b>	Travelport Universal Desktop is an innovative booking solution that delivers multisource content and pricing, plus breakthrough travel management tools - all through a single, powerful platform. The ability to create, process and manage profile, policy and booking data within a single system eliminates redundant and manual processes, and the potential for costly errors, Universal Desktop modernizes front-to-back office operations to help you lower operating costs and increase traveller satisfaction.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Identifying the Automatable test cases by automation analysis</li> <li>➤ Writing the reusable components according the test cases.</li> <li>➤ Creating the Test case scripts</li> <li>➤ Preparing the Test data for required test cases.</li> <li>➤ Creating the Test cases in ALM for further Regression runs.</li> <li>➤ Coordinate with manual tester and set up expectation on what will be handled by automation team</li> <li>➤ Maintain the daily Status Report calls.</li> <li>➤ Executing the Regression Test case on Demand basis</li> <li>➤ Verification of logs for errors. Verification of all the outputs of the entries for transactions that hit UD</li> <li>➤ Analysis the Result and report submission</li> </ul>

<b>Title</b>	<b>GD2.5</b>
<b>Client</b>	Travelport,USA
<b>Period</b>	November'2011' to October 2012
<b>Organization</b>	IGT
<b>Platform</b>	VB.NET Technology
<b>Testing Tool Used</b>	QTP
<b>Description</b>	Galileo Desktop 2.5 is the latest release of Galileo's primary booking tool that provides agents with agent's access to all the Air, Hotel and Car travel content available through the Galileo System as well as Apollo System. Agents have the option to using Focal point - the traditional Galileo "cryptic" entry booking tool, and Viewpoint - a "Graphical User Interface" (GUI) booking tool to search and book the best available options for customers as well as manage bookings and hand them off to a back office system for ticketing purposes. The new interactive capability within Focal point and the point and click interface within Viewpoint assist agencies in saving time, improving efficiencies and make the entire booking process...
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Designed, developed, and executed automation scripts using QTP</li> <li>➤ Developed automation scripts in Quick Test Professional (QTP) to automate regression testing.</li> <li>➤ Reviewing the documents to understand the Travel business logic and attended review sessions to understand the Travel Life Cycle.</li> <li>➤ Participate in all meetings planned for particular release and obtain necessary technical automation requirement. Such meetings include, design review, test execution timeline etc</li> <li>➤ Coordinate with manual tester and set up expectation on what will be handled by automation team</li> <li>➤ Verification of logs for errors. Verification of all the outputs of the entries for transactions that hit GDS</li> <li>➤ Writing new functions to the current framework and maintaining the automation framework.</li> <li>➤ Status reviews and generation of reports.</li> <li>➤ Created End-to-End scenarios for the Travelport application.</li> </ul>

<b>Title</b>	<b>Fares Viewpoint End to End Host Viewpoint End to End</b>
<b>Client</b>	Travelport,USA
<b>Period</b>	April 2010 to Aug 2011.
<b>Organization</b>	IGT

<b>Platform</b>	VB.Net Technologies
<b>Testing Tool</b>	HP QTP 10.0, HPQC
<b>Description</b>	Galileo Desktop 2.0 is the latest release of Galileo's primary booking tool that provides agents with agent's access to all the Air, Hotel and Car travel content available through the Galileo System as well as Apollo System. Agents have the option to using Focal point - the traditional Galileo "cryptic" entry booking tool, and Viewpoint - a "Graphical User Interface" (GUI) booking tool to search and book the best available options for customers as well as manage bookings and hand them off to a back office system for ticketing purposes. The new interactive capability within Focal point and the point and click interface within Viewpoint assist agencies in saving time, improving efficiencies and make the entire booking process...
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Designed, developed, and executed automation scripts using QTP</li> <li>➤ Developed automation scripts in Quick Test Professional (QTP) to automate regression testing.</li> <li>➤ Reviewing the documents to understand the Travel business logic and attended review sessions to understand the Travel Life Cycle.</li> <li>➤ Participate in all meetings planned for particular release and obtain necessary technical automation requirement. Such meetings include, design review, test execution timeline etc.</li> <li>➤ Coordinate with manual tester and set up expectation on what will be handled by automation team</li> <li>➤ Verification of logs for errors. Verification of all the outputs of the entries for transactions that hit GDS</li> <li>➤ Writing new functions to the current framework and maintaining the automation framework.</li> <li>➤ Status reviews and generation of reports.</li> <li>➤ Created End-to-End scenarios for the Travel port application.</li> </ul>

<b>Title</b>	<b>Managed Test Services for Cash &amp; Trade Applications (ICG Tech ASIA)</b>
<b>Client</b>	CITI BANK, Singapore
<b>Period</b>	Nov'08 to to till March 2010.
<b>Organization</b>	Polaris software lab Limited
<b>Platform</b>	Java, Oracle
<b>Testing Tool Used</b>	QTP
<b>Description</b>	MyCitibanker is a user Internet application, where in client/internal user will login and initiate extraction of reports, summary, image file etc. Application also caters as a collection of tax returns, cheque payment tracking mechanism and Billing payment mechanism for few Countries (Indonesia and Vietnam). In MyCitibanker, client logs into the Application form an internet browser, the authentication message of the user id and login is passed on to the CitiLDAP and then to Citi Safe word or Cyota for further validations of user id. Once the user is authenticated he can opt for various options like fetching reports and summary, for which the application will connect to COTS. All the retrieved data and image from various applications is displayed on the browser and has facility to save locally in various forms and formats.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Design of Automation Approach Document</li> <li>➤ Identified the Scenario's and Test Cases to Automate.</li> <li>➤ Preparation of Reusable Components and Functions.</li> <li>➤ Object Repository Maintenance and Integration.</li> <li>➤ Preparation of Automation scripts and execution of Automation Scripts.</li> <li>➤ Publishing the DSR and Weekly status Report</li> </ul>

<b>Title</b>	<b>Citi Connect Cash</b>
<b>Client</b>	CITI BANK, Singapore
<b>Period</b>	Dec'07 to to till Oct 08.
<b>Organization</b>	Polaris software lab Limited

<b>Platform</b>	Java, Oracle
<b>Testing Tool Used</b>	QTP
<b>Description</b>	It is a web-based application typically used for Collection management processes. It basically enables by bringing buyer & seller to come across a single platform for making their payments against invoice. Buyer able to choose different types of Payments Modes in CitiConnectCash and different Authorization levels are required While Making Payments.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Design of Automation Approach Document</li> <li>➤ Identified the Scenario's and Test Cases to Automate.</li> <li>➤ Preparation of Reusable Components and Functions.</li> <li>➤ Object Repository Maintenance and Integration.</li> <li>➤ Preparation of Automation scripts and execution of Automation Scripts.</li> <li>➤ Publishing the DSR and Weekly status Report</li> </ul>

<b>Title</b>	<b>PPM</b>
<b>Client</b>	CITI BANK, Singapore
<b>Period</b>	Jan 07 to to Oct 07
<b>Organization</b>	Polaris software lab Limited
<b>Platform</b>	Oracle 9i.
<b>Testing Tool Used</b>	QTP
<b>Description</b>	PPM is basically a Receivable Management System. The application is handling many kinds of receivable products for the clients like DDI/DDM check clearing, and Invoice Reconciliation. A DDA is raised via Citidirect to Asia BSI then to PPM. On receiving t DDI Return status from CS is uploaded in PPM and outstanding DDI gets liquidated, ITR files are generated to Flexcube for accounting entries. Reports & Handoffs are generated to FC & GIW
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>➤ Involved in GUI and Functional Testing using QTP.</li> <li>➤ Analyzed Business and System Requirement Specifications</li> <li>➤ Creating the Test Scripts based on the End-User Transactions</li> <li>➤ Involved in Creation of the Test Scenario's</li> <li>➤ Coordinating with developers to fix the defects</li> <li>➤ Involved in Execution and reviewing the Test cases</li> <li>➤ Participated in project review meetings &amp; discussions.</li> <li>➤ Designing Test Cases, and Execution of the test cases, and Bug Reporting.</li> <li>➤ Maintaining the Bug reports and Tracking the status of the bugs</li> <li>➤ Performed System Testing and Regression Testing</li> </ul>

Date :

Place :

(Settipalli Amara)