**Jotheswaran Munikumar**

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# Professional Summary:

* 3 years of experience in Software Testing Health care client/server applications.
* Currently Working as Test Engineer in Emids Technologies Private Ltd from June 2018
* Extensive experience in Web-based UI applications manual testing, ETL and Database testing.
* Has been involved in creating test scenario, test cases and execution of test case for application and ETL components.
* Has been involved in test case, ETL Mapping reviews, test execution reviews and as well in test case approval, test execution approvals
* Good experience on record validation between source and target by writing complex SQL Queries.
* Work experience in analyzing ETL mapping documents.
* Performed functional testing, integration testing, system testing, retesting, regression testing, database testing, ETL testing, BI reports testing.
* Interacted with the Product Owners and the clients to collect requirements.
* Worked on Agile methodologies.
* Well acquainted with the software test life cycle (STLC), SDLC & bug life cycle.
* Work experience in test management tools Atlassian (JIRA, Confluence) and HP-ALM.
* Pursuing Machine Learning course with python and planning to develop a POC on AI.
* Seeking a role in software testing that offers challenges and opportunities to implement most of my knowledge and experience in a significant way.

# Technical Skill Set

Functional Area: Software Testing (ETL, Manual, Data migration) - Healthcare Application

Operating System: Windows 2008/2010

Database: Oracle SQL

Reporting Tool: Power BI

Tools: JIRA, HP–Quality Center, Bamboo, Talend (TAC)

Testing Process: Agile methodology, STLC, Bug Life Cycle

Programming Knowledge: Python

Data Formats Excel, CSV, JSON, XML

# Project Details: (Overall 4)

### Project #1

**Project Title: IRP (Functional testing)**

**Client: American Heart Association, IQVIA**

**Technical Environment: Configuration, Oracle SQL**

**Role: Test Engineer**

### Description:

IRP is a data capture product that has built-in functionalities along with configurable setup to build a web Case form and Facility forms to collect Facility and Patient data for different registries associated with Health Organizations. There is also reporting functionality available for each Enterprise/Registry to analyze the facility data and generate the Spotfire reports based on customizable input parameters.

**Roles and Responsibilities:**

* Understanding the application and Analyzing the User story Acceptance criteria through JIRA.
* Identifying the system scenarios and written test cases for the same in Test Link.
* Involving in Build deployment, Test data preparation, Functional testing, Regression testing, Sanity testing.
* Executing the test cases (Manual Execution) – Ad-hoc Testing, Functional Testing, System Testing, Regression testing, Database Testing, BI-Testing, White-Box Testing.

**Project #2**

**Project Title: ACS Uploader (Database testing)**

**Client: ACS – American College of Surgeon.**

**Technical Environment: ETL, Oracle SQL, Talend**

**Role: Test Engineer**

**Project Description:** Uploader Tool provides an option to allow upload file (XML and CSV) and process the upload content, Validate and import successfully validated content to tenant specific registry schemas. Once the file is uploaded from UI, Talend will read the file and start processing and manipulating the data and saving it to database.

**Responsibilities:**

* Understanding requirements as per the Client.
* Prepared test data for functional, Integration, Regression testing using XML, CSV.
* To Validate the data between RC UI(Uploader), To ensure the uploaded data displays in the RC UI and the validation of records till ODS table.
* Validating uploaded counts for Facilities in Upload, Validation table & to Datamart.
* Interactions with BA & Dev teams to resolve the issues.
* Designed, Reviewed & Executed Test cases.
* Identified Test cases for Regression testing.
* Defect Analyzing and Reporting in QC.
* Communication with client for Data management.
* Test case execution.
* Reporting daily testing status.

**Project #3**

### Project Title: ACS (ETL, Database testing, Data migration)

**Client: ACS – American College of Surgeon.**

**Technical Environment: ETL, Oracle SQL, Talend**

**Role: Test Engineer**

### Description:

 American College of Surgeon is one of the largest market players in healthcare domain. They are maintaining individual databases for different types of hospitals. The main purpose of this project is to integrate different databases together and migrate to Target Database into a single Portal for healthcare analytics purpose. The Ultimate aim is to fetch different surgeon’s procedures for handling Patients & analyzing the suitable and standard procedure details for different areas of surgery.

**Project #4**

### Description:

IRP is a data capture product that has built-in functionalities along with configurable setup to build a web Case form and Facility forms to collect Facility and Patient data for different registries associated with Health Organizations. There is also reporting functionality available for each Enterprise/Registry to analyze the facility data and generate the Spotfire reports based on customizable input parameters.

**Project Title: AHA (ETL, Database testing, Data migration)**

**Client: American Heart Association**

**Technical Environment: ETL, Oracle SQL, Talend**

**Role: Test Engineer**

### Roles and Responsibilities:

* Understanding the application with requirement document.
* Analyzing the User story Acceptance criteria.
* Understanding the business process.
* Test case Development, Test scripts generation from data mapping documents, functional Specification documents and mapping the test cases with the requirements for generating the Requirement Traceability Matrix (RTM).
* Participating in brainstorming and walkthrough sessions for testcases that were created.
* Performing the ETL testing to verify and validate data consistency by executing SQL queries on the Source and Target databases.
* Test Data preparations and Executing the Test Cases (Smoke, Integration, Regression, Ad-hoc Testing, RESTful web-services testing)
* Actively involved in logging defects using Defect tracking tools like JIRA.

# Educational Qualification:

BE in Mechanical engineering (2017)

Karpagam Institutions, Coimbatore

# Achievements:

* Star spot award for the best performance for COVID 19 registry testing.
* Cause for Applause for the best performance monthly.
* Star spot award for implementing Python for Data analysis in the current project that reduced a complete sprint manual work (15 days)

# Personal Details:

Date of birth: 27th AUG 1996

Language: English, Tamil

Gender: Male

Marital Status: Single

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