L. KALAIVANI

QA ENGINEER

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Professional Summary

- Postgraduate in MCA with 5yrs experience and comprehensive knowledge in **Manual Functional Testing & Automation Testing in Healthcare Domain.**
- Profound experience in testing **HIMS, LIMS, RIS/PACS, HL7, DICOM & EHR** Applications.
- Expertise in testing **Web Applications.**
- Extensively worked on analyzing Requirements Document, **Writing Test Scenarios, Test Cases, Executing Test Cases, Logging Defects, Defect Tracking and Prioritize Defects.**
- Effective knowledge in **SDLC, STLC and Defect Life cycle**.
- Expertise in analyzing the results and preparing **Test Report & RTM**.
- Experience in finding the **RCA** & preparation of **Defect Report**.
- Experience in executing **SQL** queries for validating data using **MS SQL Server & Oracle.**
- Hands on experience in **Smoke Testing, Sanity Testing, Regression Testing, System Testing, Integration Testing, Exploratory Testing, Database Testing, User Acceptance Testing (UAT), Compatibility Testing & End to End Testing.**
- Experience in **Manual API Testing** using **Chrome Developer Tools.**
- Experience in Test Management tools like **Test Link, QA Complete & Zephyr Scale.**
- Experience in Defect Management tools like **Bugzilla & Atlassian JIRA.**
- Exposure to **Waterfall & Agile(Scrum)** Methodologies.
- Hands on experience in Automation tools like **Mercury WinRunner &** Basic Knowledge in **Selenium WebDriver.**
- Ability to **work independently with little or no supervision**.

Job Profile

- **Quality Assurance Engineer** – Nuvento Systems Pvt Ltd (Oct 2021 – Aug 2023)
- **Jr. Quality Assurance Engineer** – RAVsoft Solutions Pvt Ltd (Nov 2016 – June 2018)
- **Quality Assurance Trainee** – Attune Technologies Pvt Ltd (Aug 2015 – May 2016)

Project Details

Project #1:	AM – Prima Clinical Care
Client Name:	Cloud Practice Med Systems, USA.
Role:	Quality Assurance Engineer

Description:

AM – Prima Clinical Care is an integrated Clinical Management software with EHR is one of the most popular type of software used by Hospitals and Clinics. They are used to store the Patient information, Electronic Health Records such as medical history, diagnoses, track the medications, immunization dates, allergies and transfer health data easily between various healthcare providers using **HL7 (Health Level 7)**.

Responsibilities:

- Understanding the requirement and functional specifications of the project.
- Followed Agile/Scrum Methodologies for all project activities.
- Participating in Sprint Planning Activities & Daily Standup Meetings.
- Providing guidance to Junior Quality Assurance Engineers.
- Developed Test Scenarios, Test Cases & Test Data based on SRD and BRD in Zephyr scale.
- Performed Smoke Testing, Sanity Testing, System Testing, Regression Testing, Integration Testing, Exploratory Testing, End-to-End Testing and User Acceptance Testing (UAT).
- Performed GUI Testing, Localization Testing & Globalization Testing of the software.
- Performed Database testing using SQL queries.
- Performed Manual API Testing using GET & POST commands.
- Tested Web Application Compatibility over different browsers like (Chrome, Edge & Firefox) & OS Compatibility using operating systems like (Android & iOS).
- Executing the Test Cases based and preparing Test Execution Report & RTM.
- Involved in Logging Defects using JIRA and preparation of Defect Report.

Project #2:	Unity PACS/RIS (HL7 & DICOM)
Client Name:	IBM Watson Health, USA
Role:	Junior Quality Assurance Engineer

Description:

Unity RIS/PACS is an integrated software is an all-in-one diagnostic imaging and information management solution designed for storing and managing medical imaging data using **DICOM** in healthcare organizations such as hospitals, imaging centers and radiology departments. It also facilitates creation of interactive documents which enhances communication between physicians and diagnosis using **HL7 (Health Level 7) messages.**

Responsibilities:

- Participating in Daily Task Planning Meetings.
- Involved in preparation of Test Scenarios, Test Cases& Test Data using QA Complete
- Performed Smoke Testing, Regression Testing, Sanity Testing, Integration Testing, System Testing, Exploratory Testing, End-to-End Testing, Compatibility Testing to check the stability of the application
- Written & Executed SQL queries.
- Executing the Test Cases based on the functionality & preparing Test Execution Report.
- Logged Defects using JIRA in order to perform Defect Lifecycle & preparation of Defect Report.

Project #3:	HIMS (Hospital Information & Management System)
Client Name:	Kamakshi Hospital, Chennai & Vasan Eye Care, Dubai.
Role:	Quality Assurance Trainee

Description:

HIMS is comprehensive enterprise-wide software that covers all aspects of management and operations of multi-specialty hospitals. It is a modular and flexible system and the various modules are seamlessly integrated with each other. The HIMS provides immediate access to clinical, administrative & billing data required by various entities for efficient function of a hospital.

Responsibilities:

- Involved in preparation of Test Scenarios & Test Cases based using Test Link.
- Performed Functional Automation using Mercury WinRunner.
- Performed Smoke Testing, Regression Testing, Sanity Testing, End to End Testing, Exploratory Testing, Integration Testing, System Testing and Database Testing.
- Responsible for GUI and functional testing using black box testing techniques.
- Involved in Test Case Execution and Defect reporting using Bugzilla.

Project #4:	Attune LIMS (Laboratory Information & Management System)
Client Name:	Metropolis.
Role:	Quality Assurance Trainee

Description:

Attune LIMS covers the journey of a sample from its induction into a laboratory till the end of its life cycle, including the stages of Sample Storage, Testing, Reporting and Archiving. It also facilitates tracking of tests performed, managing customer services and managing invoices for the services rendered.

Responsibilities:

- Involved in designing Test cases based on SRS and BRS using Test Link.
- Detecting the bugs and classifying them based on severity and reporting using Bugzilla.
- Involved in Regression Testing, Sanity Testing, Ad-hoc Testing & Functional Testing.
- Smoke test performed to verify the new build of the application.
- Performed Functional Automation using Mercury WinRunner.
- Reporting the coverage status of test performed on daily/weekly basis.

Educational Details

- **MCA** – Bharathiyar University, Coimbatore with 72%.
- **BCA** - Bharathiyar University, Coimbatore with 74%.
- **HSC** - St. Mary's Higher Secondary School, Coonoor with 74%.
- **SSLC** - Sri Shanthi Vijai Girls Higher Secondary School, Coonoor with 90%.