**Santhi Jagarlamudi**

**Manual and Automation testing**

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PROFESSIONAL PROFILE

* Over 5+ Years of experience in Information Technology, with specializing in Software Quality Assurance Testing, proficient in testing on Windows and Web based applications.
* Experience in various phases of Software Testing Life Cycle (STLC) that includes Requirements Analysis, Test plan, Test cases development, Test environment Setup, Test execution and Test closure.
* Proficient in using test automation tools such as **Selenium Web Driver,** to develop automation testing scripts for web applications.
* Strong Experience in automating Web Application Testing using Selenium Web Driver with TestNG framework and Data Driven Testing Framework.
* Strong Knowledge on Cucumber with BDD framework.
* Having good exposure to integrated testing artifacts with Continuous Integration (CI) with Jenkins sever.
* Expertise in Automation Testing, Manual Testing, API testing, Data base testing,Compatability testing,Regrassion testing, Smoke testing,GUI testing, System testing and integrated testing.
* Experience in creating Test Plans, defining Test Scenarios and Test Cases, developing and maintaining test scripts, analyzing bugs, coordinating with development team and track the bug fixes till closure.
* Experienced in writing SQL quarries to test the result of deployment for correct business logic for Back-end testing.
* Strong knowledge in implementing Agile Methodology by analyzing requirement specifications.

TECHNICAL PROFILE

**Software Skills**

Testing Tool : SELENIUM WEBDRIVER, JENKINS, MAVEN

Programming Languages : JAVA, HTML, CSS

Test Management Tools : TFS, Bugzilla

API Testing : SOAPUI, POSTMAN

Office Package : MS-Office

Database  : SQL server 2016, Oracle

PROFESSIONAL EXPERIENCE

* Worked as QA engineer in **Acuity Software Technologies** from **October 04th, 2017** to **February 28th, 2020**.
* In Acuity I have handled Four projects namely Accounting Software, PAYROLL, MTDVAT and CT600 Which are designed to submit VAT to the UK Government
* Worked as testing engineer in Tech Minds Informatics from April 10th, 2013 to April 20th, 2017(July 2015 to July 2016 on Maternity leave).

EDUCATIONAL QUALIFICATIONS

* Completed **MCA** in **Holly Mary institute of technology** Affiliated to OU, Hyderabad on 2011 with 68%.
* Completed **BSC computers** in **NBT & NVC Collage**, Affiliated to Nagarjuna University, and Narsaraopet on 2008 with 62%.

Work Experience in present organization:

**Project # 1 : ACCOUNTING SOFTWARE**

**Environment : Web Application, JAVA, Selenium (TestNG, Data driven)**

**Data Base : SQL server 2016**

**Role : QA with Automation and Manual**

Accounting software(Acctsoft) is Andica’s Bookkeeping software .Using Andica Acctsoft we are maintaining all records of the company like income, expenses, customers, suppliers etc. and submitting VAT ,Quarterly submissions ( for Sole Traders) and tax returns to HMRC in UK. Using this we can create multiple companies, users and for that user we need to configure the Roles of the users, when the user logged-in the software we need to display modules based on the role configuration. In this, different modules are present like

**Responsibilities:**

* Reviewed business requirements and technical specification documents and Analyzed use cases, functional requirements to write detailed Test cases.
* Wrote highly efficient and maintainable Java code to develop Page Objects using the Selenium Framework.
* Designed and developed Automation framework both Data driven and Hybrid using Selenium Web Driver.
* Developed and Implemented automation using Selenium Web Driver and Java. Used Eclipse IDE to develop and debug the code.
* Developing test scripts to automate process of testing using Selenium Web driver and TestNG.
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Responsible for identifying test cases for manual and Automation with Selenium Web Driver for Smoke Test, Sanity Test, Functional and Regression Tests.
* Prepared user documentation with screenshots for UAT (User Acceptance testing) using Selenium Screenshots.
* Tested independent and dependent modules individually. Prepared Test Matrix to keep track of the requirements and the test cases.
* Created **manual test cases**, reviewed with different stakeholders to validate the functionality.
* Reported software defects in TFS and interacted with the developers to resolve technical issues.
* Check on Back end through quarries and finding data reflections in QA and UAT environments
* Follow and contribute to Agile activities (e.g. daily stand-ups, retrospectives, iteration planning, estimate/reporting, acceptance criteria definition). And daily bug triage meetings and interacted with developers and business analysts to ensure high quality of the application under test.

**Project # 2 : ANDICA PAYROLL SOFTWARE**

**Environment : Web Application, JAVA, SQL server 2016**

**Role : QA Manual**

Payroll solution to calculate Employees and Directors Payroll and Submission of Real Time Information RTI to HMRC.this Software includes calculations for PAYE, National Insurance Contributions, Statutory sick pay, statutory maternity pay, student loan, post-graduation loan and Automatic Enrolment. It’s providing reports and getting P6 & P9 forms from HMRC. This software Providing P45 form for Leavers. Employer is responsible to submit the payroll of submissions. Its providing pay frequencies are monthly, weekly, fortnightly, four weekly. present 1250L tax code is using in Uk that means if Income is less than or equal to £ 12509, no need to pay tax to HMRC.Every year Payroll software is updating According to UK government announcements.

**Roles and Responsibilities:**

* **Analysed the Business Requirements Specification**, System Requirements Specification and User Interface Specification documents.
* Developed Test Plans, Test scenarios, Test Cases.
* Involved in setting up different configuration environment for compatibility testing and **manual testing.**
* Performed ad-hoc, Functional, Regression, Integration and Compatibility Testing of Web-based Application.
* Performed Manual Testing to check flow of the application.
* **Wrote Test scenarios, Test cases and prepared test data corresponding to the test requirements.**
* **Involved in test planning, Test Scenarios and Test Cases documentation along with some manual and automation testing.**
* Performed Manual tests via navigation and workflow of the application.
* Writing and reviewing test cases to validate the functionality of all the modules.
* **Carried out extensive** Backend Testing **to ensure proper backup and restoring of data by writing** SQL queries **using Management Studio Tool.**
* **Maintained Test matrix, Test Summary Report, UAT summary Report and UAT Sign off Report.**

**Project # 3 : ANDICA MTD VAT SOFTWARE**

**Environment : Web Application, JAVA, SQL server 2016**

**Role : QA Manual**

Andica MTD VAT software is an excel spreadsheet bridging software that enables businesses, Accountants and other organisations to link their Microsoft excel spreadsheet VAT transactions into the software and extract VAT 9-Box values to submit periodic VAT returns digitally to HMRC's MTD VAT system. This software providing Excel spreadsheet integration, Drag and Drop mapping of VAT fields, Digital Authorisation for MTD VAT, Retrieve VAT periods (VAT Obligations), online submission and retrieval of MTD VAT Values, Submit VAT return for period, View VAT Return, Retrieve VAT liabilities, Retrieve VAT payments, Reports.

**Roles and Responsibilities:**

* Preparing the checklist of the product just to make sure testing of all the modules are thoroughly covered and all kind of required testing is done
* Preparing Test cases for all the modules included in the product
* Checking all the modules in different resolutions, Operating system , DPI Settings and done Globalization & Localization testing
* Thoroughly checking the reports and check if the correct data is retrieved
* Checking if correct VAT is submitted to the HMRC
* Used Postman tool for API testing

**Project #4 : ANDICA CORPORATION TAX SOFTWARE**

**Environment : Windows Application, C#**

**Data Base : MS-Access**

**Role : QA Manual**

Andica Corporation Tax software helps to complete Company tax return form and submit it online to the HMRC.It providing the forms CT600A, CT600B, CT600C, CT600D, CT600E, CT600F, CT600G, CT600H, CT600I, CT600J, CT600K.Depends on our company or business, we can select respected forms then fill and submit tax to HMRC through Online submission. Corporation Tax providing Accounts, Computations, IXBRl reports, Backup & Restore, File by internet functionalities. Accounts and computations are filled with real time data. Accounts are going for submissions but computations are not going for submissions only for company reference. Software Manage multiple tax year's returns from within a 'Company' record. Prints tax returns, accounts and computations reports for your records. Submit amended returns (subject to HMRC limitations).

**Roles and Responsibilities:**

* Understanding the Business rules as per the forms given by the HMRC Government
* Validation of Business Rules in all the section
* Re-testing to be done whenever new build was given by the Development Team
* Regression Testing whenever New Enhancement was done
* Entered and executed HMRC test data also thoroughly checked calculations part.
* Cross checking the reports and checking if the correct data is binding in the reports

Work Experience in First organization:

**Project # 1 : WATM.**

**Client : Jet Aviation.**

**Environment : Java, Oracle**

**Role : junior tester**

Employees can submit their expense reports online with Web Access Travel Management. WATM is a web-based application available to all employees for submission of their travel and miscellaneous expense reports.

**Roles and Responsibilities:**

* Executed test scenarios and cases.
* Conducted Functionality & Regression testing during the various phases of the Application. Also check the back end data reflection according to crud operations done by Application.
* Reported the defects in Bug Tracker (**BUGZILLA**).
* Coordinating the defects and the fixes with the development team.
* Generating the defect reports from Bug Tracker for review meetings.
* **POSTMAN** is used to check **Rest API’s**

**Project # 2 : court Citations**

**Client : Town of Addison, TX**

**Environment : Java, Oracle**

**Role : Manual tester**

Court Citations web application allows municipal courts to track information about the misdemeanor offences committed. Citation web application allows the courts with a full life cycle to maintain details of defendants, track dockets, schedule court dates, calendars, dockets, maintain dispositions, warrants and payment information for the defendants who have committed a gross misdemeanor or a traffic offense. This web application allows the court to maintain the different court cost codes, disposition codes, warrants issued, track payments and dates. It automatically generates reports, letters and warrants based on the court dates for the defendants who have been issued a ticket based on the date of the offense committed. This web application is integrated to automatically send reports to the state for the traffic convictions and court convictions which have to be reported to the respective states and the relevant authorities.

Users who are logged into application have access only to the relevant areas and modules of the application as defined by the administrator. Activity tracking is provided as part of this application. This portal can also be extended and can be synched to MIDs at any given time based on client’s request.

**Roles and Responsibilities:**

* Executed test scenarios and cases.
* Conducted Functionality & Regression testing during the various phases of the Application
* Reported the defects in Bug Tracker (**BUGZILLA**).
* Coordinating the defects and the fixes with the development team.
* Generating the defect reports from Bug Tracker for review meetings
* **POSTMAN** is used to Checked **Rest API’s**

DECLARATION

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

**Santhi jagarlamudi**