

SRIVALLI RALLABANDI

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VISA Status: RSA ID

SUMMARY

Experienced Senior Test Analyst with **10** years working experience with a demonstrated expertise in system development lifecycle which includes designing, developing, and executing test plans, test cases and test processes implementing swift corrective actions, on time delivery in the following industries:

- Education
- Software
- ERP
- Construction
- Accounts (Auditing)

OVERVIEW

- Exposure to all stages of STLC (Software Testing Life Cycle) and software development
- Experience in Building Microsoft.Net/JAVA / C# automation Scripts by using Selenium, MS Visual Studio, MS Test, Coded UI and good expertise in using Annotations.
- Good Experience in unit testing/White box testing the code developed by the developers.
- Experience in working with Test Management/Bug Tracking tools like Product Studio, TFS to track test execution progress.
- Worked on all level & type of testing like Smoke, Sanity, Unit, Integration, System, Acceptance, Retesting, Regression, Ad-Hoc, Black-Box, White-Box Testing, Grey-Box Testing, Verification, Validation, Functional testing.
- ISTQB Foundation level Certified.
- Extensive experience in Software Development with Web Application, ADO.NET, Visual Studio.NET, ASP.NET and C#. NET.
- Extensive database development experience in working with various relational databases such as MS SQL Server, Oracle & Postman.
- Ability to work in-groups as well as independently with minimal supervision.
- Ability to learn quickly and adapt to new technical environments involving upgrades and integrations to latest developments.

EXPERIENCE

- Worked as Senior Tester in **Sybrin** in Johannesburg, South Africa from June 2022 until Dec 2022.
 - Worked as Senior Test Analyst in **Joburg Centre for Software Engineering** from July 2017 to March 2019.
 - Worked as a Systems Analyst in **Sonata Software Limited** from Feb 2010 to May 2013.
 - Worked as Senior Software Engineer in **Sai People Solutions** from October 2008 to March 2009.
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- Worked as Senior Software Engineer in **Siddhis Software Services** from April 2008 to September 2008.
- Worked as Programmer in **IVRCL Infrastructures and Projects** from April 2005 to December 2007.

EDUCATION

Master of Science in Computer Science, Osmania University, INDIA
B.sc (Computers) from Osmania University, INDIA

TECHNICAL SKILLS

Microsoft Technologies	ASP.NET, ADO.NET
Programming Languages	C# , JAVA
Framework	Microsoft .NET Framework , Selenium Automation
Development Tools	Visual Studio .NET 2010/2012 IDE
Scripting Languages	JavaScript
Databases	MS SQL Server, Oracle
Reporting	SqlServer Reporting,Crystal Reports
Software Engineering Methodologies/Tools	MS Product Studio, Network monitor, MS Visual SourceSafe, Windows Test Technologies, Test Services, Bugger
Testing Tools	Selenium

PROJECTS

Company : Sybrin

Client : AGSA, Audit General of South Africa

Role: Senior Tester

Description:

As a Supreme Audit Institution (SAI), the Auditor General South Africa, is mandated by the constitution to audit and report on how government is spending taxpayers' money. In support of this mandate, the Public Audit Amendment Act (PAA) introduced the concept of a material irregularity (MI) to prioritise and ensure that those activities putting the public purse at risk of financial loss are identified and pursued. The AGSA recognises and appreciate the immense responsibility that comes with these powers and wishes to digitize the processes of managing Material Irregularities.

Roles and Responsibilities

- Testing the system manually from end-to-end scenarios.
 - Creating data to test the Material Irregularities process.
 - Involved in role-based testing.
 - Testing the data in the tables in SQL Server.
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ONLINE ADMISSION SYSTEM

Company: JCSE

Client: Gauteng Department of Education

Role: Senior Test Analyst

Description:

The Gauteng Department of Education has undertaken a project that seeks to automate the process of applying to a school. The project has been named Gauteng Online Admissions. The system will allow the parents of learners (applicants) to apply to the public schools of the Gauteng Province from the convenience of a smartphone, computer or any other web-enabled device that has a browser interface and the capability to reach the internet. The Department has an Admissions process that takes place every year. The process is one in which parents apply for learners to be admitted or enrolled to schools of choice. Before the introduction of the Online Admissions System, the applicants would apply to schools using manual based processes.

Roles & Responsibilities:

- Involved in system testing and Regression testing.
- Client interactions to improve client satisfaction and improve business with the client.
- Cross browser Testing and Involved in Project status Review meeting
- Writing test cases in Selenium C#.Net.
- Help testers to develop End to End Test Script for all modules and review them to make sure all the requirements and the scenarios are covered for testing.
- Generate test data as per need of the team

CENTRAL MANAGEMENT OFFICE (CMO)

Company: JCSE

Client: City of Joburg – Department of Economic Development (CoJ)

Role: Senior Test Analyst

Description:

CMO database contains both the individual and entrepreneur data. Initially, it would be the CoJ and its entities who would submit work packages (job requirements) to the CMO. The CMO will run a matching algorithm (“random”) and return the results to the party requesting it, which requires a variety of parameters such as race, gender, age, skill, location, immigration status, etc. The over percentage of the pool is expected to vary based on skill levels. Using these lists and CVs, either the CMO or the party requesting the information will need to run a vetting process to ensure that candidates are in fact available, do have the necessary qualifications/skills and are able to take on the work. Contracts will be generated manually and the CMO would need to be notified of contracts issued. Discipline needs to be in place to notify who has been absorbed so that the information can be updated in the system. CMO would need to update the database of the work issued to ensure those individuals do not come up on further searches until their contracts have expired. A few roles must be defined who will have access to the database/system.

Roles and Responsibilities:

- Develop End to End Test Script for all possible scenarios.
- Involved in system testing and Regression testing, Cross browser Testing and Involved in Project status Review meeting
- Client interactions to improve client satisfaction and improve business with the client.
- Writing test cases in Selenium C#.Net.
- Involved in Role based testing.
- Generate data for testing

Microsoft Dynamics AX CRM – Customer Service

Company: Sonata Software

Client: Microsoft

Technology: MS Visual Studio 2013.

Tools: MS Visual Studio 2013, MS Product Studio, Windows Test Technologies, Test Services.

Role: Automation Tester

Description:

Customer service supports professional, service-based companies and manufacturing service organizations. Customer service includes Key processes for service management, such as service agreements, service orders, and return management, an advanced setup for repair management that includes tracking of repairs and versioning for bills of materials (BOMs), Support for employee roles, such as service manager, dispatcher, and service technician or service consultant, Service subscriptions, which can generate periodic streams of revenue that are independent of the frequency of service.

Roles and Responsibilities:

- Involved in manual testing with End-to-End scenarios.
- Involved in writing test automations in C#.
- Involved in running test cases using Test Services.
- Involved in doing TAE Analysis and Fixes for multiple builds.
- Bug Tracking using MS Product Studio, Bugger.
- Raised code defects and bugs in MS Product Studio.

MICROSOFT DYNAMICS AXAPTA - RETAIL

Company: Sonata Software

Client: Microsoft

Technology: MS Visual Studio 2013.

Tools: MS Visual Studio 2013, MS Product Studio, Windows Test Technologies, Test Services.

Role: Automation Tester

Description:

Microsoft Dynamics AX 2012 is a comprehensive enterprise resource planning (ERP) solution for midsize and larger organizations that empowers people to work effectively, manage change, and compete globally. Microsoft Dynamics AX for Retail is a powerful retail solution built on Microsoft Dynamics AX 6.0. It is a heterogeneous solution, with AX and POS (Windows Application), forming an integral part of it. On the AX side several features are added like Assortments, channels.

Roles and Responsibilities:

- Involved in manual testing with End-to-End scenarios.
- Involved in writing test automations in C#.
- Involved in running test cases using Test Services.
- Involved in doing TAE Analysis and Fixes for multiple builds.
- Bug Tracking using MS Product Studio, Bugger.
- Raised code defects and bugs in MS Product Studio.

MICROSOFT DYNAMICS AXAPTA - PROCESS INDUSTRIES

Company: Sonata Software

Client: Microsoft

Technology: MS Visual C#.Net 2010.

Tools: MS Visual Studio 2010, MS Product Studio, Bugger, Windows Test Technologies, Test Services.

Role: Automation Tester

Description:

Process Industries for Microsoft Dynamics AX ERP software specifically addresses the needs of food and beverage, chemical, pharmaceutical, life sciences, primary metals and pulp and paper manufacturers. With all the functionality of the Microsoft Dynamics AX ERP solution, Process Industries also includes modules for process manufacturing, process distribution and total quality management. It can help improve operational efficiency by integrating sales, production, inventory, quality control, distribution, and customer service capabilities throughout the process manufacturing life cycle so you can better manage all the variables required to produce products to custom specifications, optimize capacity, comply with regulatory demands and drive continuous process improvement.

Process Industries for Microsoft Dynamics AX supports the unique requirements of a process manufacturing operation including:

- Co-product and by-product planning and management.
 - Recipe and formula management.
 - Quality management and quality control.
 - Shelf life and Inventory management.
 - Catch weight and dual units of measure (UOM).
 - Centralized regulatory compliance support.
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Roles and Responsibilities:

- Involved in manual testing.
- Involved in writing test automations in C#.
- Involved in running test cases using Test Services.
- Involved in doing TAE Analysis and Fixes.
- Bug Tracking using MS Product Studio, Bugger.
- Raised code defects and bugs in MS Product Studio.

HR PAYROLL**Company: Sai People Solutions Private Limited****Client: Sai People Solutions Private****Role: .Net Developer****Description:**

HR Online is a Web based Application which is mainly used to automate the salary generation month wise. Using this we can create, edit and search the employees. Salary is generated based on leaves the employee taken in a particular month which includes Casual leaves, Loss of Pays and Late Logins. In this application Commission, Bonus and Award details are entered for all the employees based on their designations and retrieved later in the reports. New Users are created, and Roles are assigned to them to access the application in a secured manner. Reports are also generated which includes Payslip, Provident Fund and ESIC etc. as per the requirement.

Roles and Responsibilities:

- Wrote code-behind business logic in Visual C#.
- Developed presentation layer using .NET web forms, web controls, and custom controls.
- Incorporated ASP.NET Validation controls.
- Developed a Data Access Layer using C#, which is reusable for data transactions of entire project. This layer extensively used ADO.NET objects such as Dataset, Data Adapter, Data Reader and Data Table.
- Wrote and executed SQL Server stored procedures using query analyser.
- Made use of Grid View to display data in a customized format in the ASP.NET web pages.

Environment: Microsoft .NET Framework 2.0, Visual C#, ASP.NET 2.0, ADO.NET, HTML, CSS, JavaScript, SQL Server 2005.

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