***DEEPICA SINGH***

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***SUMMARY:***

* Around Six years of experience in Information Technology with Software Testing.
* Experienced in Testing of Standalone and Client Server applications using industry acceptable testing techniques.
* Experienced in using performance testing tools including LoadRunner and visual studio.
* Expertise in Analyzing Business, Functional and System Specifications and Use Cases.
* Proficient in testing methodologies like Waterfall and Agile.
* Extensively experienced in conducting Black Box and Grey Box Testing.
* Experienced in Functional Testing, Unit testing, GUI, Integration Testing, System Testing, Sanity Testing and Smoke Testing.
* Strong Knowledge in Defect Management Tools such as HP ALM/Quality Center.
* Experienced in creating requirements from Test plans, FRD, Use Cases and updating those in HP Quality Center (QC)/ Application Life Management (ALM).
* Expertise in querying and testing using RDBMS tools like Oracle, MS SQL server, DB2, TOAD, and MS Access for Data integrity.
* Experienced on PL/SQL subprograms and performing Backend testing.
* Experienced in performing Backend testing by writing SQL queries and running PL/SQL scripts in TOAD.
* Good Knowledge of using Quick Test Professional/ UFT for Regression testing.
* Experienced in developing customized automation suite using QTP/UFT.
* Proficient in writing Scripts in VBScript for using in QTP/UFT Automation.
* Experienced in working individually and with a team, have good knowledge of all the phases of QA Analysis.
* Experienced in UNIX/ Linux platform and environments.
* Good team player with good organizational skills and attention to detail.
* Excellent verbal and written communication skills and strong documentation skills.

***EDUCATION:***

Bachelor of Science in Biology, College of William and Mary- Williamsburg, VA

***SKILL SET:***

***Programming Language:***

*C, C++, VB.NET, Visual Basic, SQL, PL/SQL, CSS, PHP, VB Script, HTML*

***Web & App Servers:***

*Web logic Server, IIS, Java Web Server*

***Testing Tools:***

*JMeter, SOAP UI, HP Quality Center, HP ALM, HP QTP, HP UFT, JIRA, Sitescope, LoadRunner, Visual Studio, Performance Center*

***Operating systems:***

*Windows, UNIX/Linux*

***Web Technologies:***

*HTML, XML, VBScript, JavaScript, Java*

***Applications:***

*MS Visio, MS Office, Crystal Reports, MS Excel, MS Outlook*

***Database:***

*Oracle, SQL Server, MS Access*

***PROFESSIONAL EXPERIENCE:***

**AAMC, Washington, DC**

**Test Automation Engineer**

**Nov, 2015 – March, 2017**

***Responsibilities:***

* Prepared detailed test plan and test cases by understanding the business logic and functional requirements.
* Created a functionality matrix of test scenarios from the business requirements and use cases.
* Created test plan, walked through the integration approach and strategy document, test cases, scenarios, conditions and scripts.
* Used automated and manual testing procedures in performing regression testing.
* Involved in testing applications with various data source integration points, writing and executing integration test cases.
* Performed various types of testing, such as functional, regression, user acceptance, system, smoke, negative, performance and installation testing.
* Developed and executed test plan & test script in HP Application Life Management.
* Raised defects in HP ALM defect tracking system.
* Wrote SQL Statements in database to ensure data is populated in Data Mart/Data warehouse per Business Rules.
* Wrote SQL and PL/SQL scripts to validate the database systems and for backend database testing.
* Worked on backend testing of the DB by writing SQL queries and PL/SQL scripts to test the integrity of the application and oracle databases.
* Developed automation test scripts for functional and regression testing of web application using UFT.
* Developed baseline scripts for testing the future releases using UFT.
* Requested and responded for updated loans using UFT.
* Involved in performing GUI testing and data-driven testing using UFT.
* Coordinated creating test Cases to check the functionality of the enhanced application and performed User Acceptance Testing (UAT).
* Additionally, worked with the performance testing team to design performance test cases and test plans, as per requirement.
* Used LoadRunner to develop test scripts as per application requirement.
* Executed multiple tests with multiple user levels into various scripts integrated into the scenario.
* Monitored tests real time and analyzed the results using HP analysis.
* Analyzed performance tests using Sitescope to collect server metrics and used it through HP analysis.
* Utilized and developed testing scenario in Performance center tool for performance testing.
* Executed and analyzed various queries and created reports.
* Participated in defect review meetings, updated requirement document as per business user feedback and change in functionality of the application.

**Environment:** AJAX, DB2, Oracle, HTML, SQL, XML, MS Office, MS Excel, C#, Windows, HP ALM, HP UFT, Java, J2EE, C, C++, Java Script, VBScript, JIRA, JMeter, LoadRunner, Visual Studio, SiteScope

**Bank of America, Wilmington, DE**

**Test Engineer**

**Apr, 2013 – Oct, 2015**

***Responsibilities:***

* Analyzed system requirements, formulated scenarios and developed test cases.
* Prepared a detailed test plan and test cases by understanding the business logic and functional requirements.
* Built test scenarios and test cases to validate the expected outcome.
* Analyzed software and Business requirement documents to gain detailed knowledge about the application from both the business and technical perspective.
* Interacted closely with the business users from project initiation to the implementation phase for the successful completion of system testing, integration testing, regression testing and functional testing.
* Collected test metrics weekly from the HP Quality Center database that reflected the status of the test execution and the state of the defects.
* Recorded, maintained and tracked defects, assigned type and severity levels, assigned status to defects and configured Quality Center to auto-notify developers.
* Performed backend regression testing by writing SQL queries to review the returned data to ensure that the correct data was retrieved.
* Wrote complex SQL and PL/SQL scripts.
* Worked with System testing using QTP.
* Created a Key Word Driven Framework using QTP.
* Worked with various functional and regression tests using QTP.
* Planed and delivered demonstrations of new functionality to business users.
* Implemented onsite-offshore Global Delivery Model for this project.
* Provided status reports to appropriate groups concerning test issues and progress.
* Performed tasks independently with little supervision.

**Environment:** JMeter, SOAP UI, XML, CSS,MS Visio, MS Office, PowerPoint, Java, J2EE, SQL Server, VB Script, Oracle, HP Quality Center, QTP, Windows, UNIX, MS Office.

**CareFirst, Baltimore, MD**

**Software Tester**

**May, 2011 – Mar, 2013**

***Responsibilities:***

* Created the test plan and test strategy documents as per the project requirements.
* Identified the test scenarios and developed test cases as per the scenarios and use case documents.
* Created and generated system test scripts for different test scenarios covering all aspects of project functionality.
* Prepared Traceability Matrix document using test case and requirement documents.
* Executed the test cases in different phases of testing like GUI Testing, Functional, Regression, Integration, System and User Acceptance Testing.
* Worked on lead and opportunity management.
* Used Quality Center to track and report system defects.
* Tested the Quality Center process for both before data validation and after data validation processes.
* Tested the messages published by Quality Center tool and data loaded into various databases.
* Used SQL programming in backend and front-end functions, procedures, packages to test business rules and security.
* Worked in automated testing tool used for creating policies to QTP.
* Developed VB scripts in QTP to perform end to end testing.
* Used data sheets in QTP to import data from data tables for conducting the Data Driven Testing.
* Used Agile testing methodology for achieving deadlines in UAT.
* Responsible for Functional, Compatibility testing of web reports.
* Observed all data flow in the data warehouse system and verify details.

**Environment:** MS Office, MS Excel, VB Script, Oracle, Windows, UNIX, Quality Center, QTP, Java, J2EE, Java Script, Salesforce, MS Visio, MS Outlook, PowerPoint.