**Vinay Kumar**

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**SUMMARY**

* 7 years of experience in the field of Software Testing with good exposure in Quality Assurance and Testing Process along with Automation Tools Expertise.
* Conversant with all phases of Software Development and Software Testing Life Cycles.
* Performed System Testing, Functional Testing, Regression Testing, User Acceptance Testing, Smoke Testing, GUI Testing, Compatibility Testing, Adhoc Testing, Security Testing and Unit Testing.
* Experience in working with various business models including water fall and agile methodology.
* Expertise in Automotive Infotainment Bench Testing, Automotive Infotainment In-Vehicle Testing, Automotive Infotainment System Testing.
* Experience in designing Test Plans, writing Test Cases, Test Execution and Bug Reporting.
* Experienced in defining Testing methodologies, Designing Test Plans and Test Cases, Verifying and Validating Data for several ETL and BI applications and documentation based on standards for Software Development and effective QA implementation in all phases of Software Development Life Cycle
* Experience in Manual testing of Mobile devices
* Having four years of hands on experience in HP QC Test Management Tool/Application Lifecycle Management.
* Knowledge of Traceability matrix and Root Cause Analysis.
* Excellent organizational, time management and problem solving skills with a consultative approach.
* Involved in Automated testing using HP Tools (LoadRunner, Quality Center, QTP)
* Hands-on experience in database testing to confirm database as per Entity Relationship (ER)model – verifying entities, relationships, integrity rules, database constraints, and triggers
* Experience in testing online reports on Business Objects and Crystal reports
* Expertise in building Requirement Traceability Matrix (RTM) to map system specifications to test cases to track and ensure that system is effectively developed, tested, and implemented
* Proven expertise in managing Defect Tracking Lifecycle: maintaining test log, tracking defects, follow-ups, and generating summary reports, using Quality Center and ALM.
* Expertise in creating SQL queries for data validation and data analysis, on RDBMS such as Oracle, MS SQL Server, and Sybase
* Involved in the error checking and testing of the ETL procedures and programs Informatica session log.
* Extensive experience in testing mobile applications using different devices.
* Involved in GUI testing, Functionality testing, System testing, Unit testing, Integration testing, Performance testing, Stress testing, Front end testing, Back end testing and Regression Testing of Data Warehouse applications and Web based applications.
* Strong communication skills and flexible to work in team and individually as well as adapt to new environments.
* Good understanding of Database Management Systems (Oracle, SQL Server)
* Proficient Experience of software development methodologies including both Agile and Waterfall models
* Expertise in using MS Office and ability to learn and adapt to new tools and technologies

**TECHNICAL SKILLS**

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| **Operating Systems** | Windows NT/2000/2003/XP, Unix |
| **Programming Languages** | C, HTML, XML, J2EE, .NET, SQL, PL/SQL, JavaScript, VBScript, Java |
| **Databases** | Oracle, SQL Server, Sybase, MS Access |
| **Architectures** | 2-Tier (Client/Server), N-tier (Web-based), SOA(Service Oriented Architecture) |
| **Automation Tools** | QTP, Win Runner, Load Runner, SOAP UI, Selenium |
| **Defect Tracking Tools** | Quality Center,ALM,Test Director, JIRA,BugZilla, Rational ClearQuest |
| **Tools** | MS Office, MS Project, MS Visio, RationalRose, Requisite Pro, AutoSys, Tivoli, Erwin |

**PROFESSIONAL EXPERIENCE**

**Tesla Motors - Fremont, CA Sep 2015 – Present**

**Sr QA Tester**

Tesla Motors, Inc. is an American company that designs, manufactures, and sells electric cars.   
Product tested: Tesla Motors website from where customers can buy a car, request for test drives, call backs, service requests, all vehicle related documents. Customers can access their account and know whereabouts of their car.

**Roles & Responsibilities:**

* It is the single system of entry for capturing a large number of needs, including customer interactions and concerns, recording vehicle issues and repair documentation, invoicing and tracking payment, inventory management, executive reporting and resource planning, etc.
* Warp Service is fully built in-house and growing rapidly regarding features, users, data volume captured, and ultimately, in strategic importance to the company and mission of Tesla
* Involved in gathering, analyzing, and documenting business requirements, functional requirements and data specifications for Business Objects related reports.
* Warp is a strategically vital business strategy tool to align Service and Tesla in general globally, and to gather data from all owners, and entities within Tesla
* Responsibilities:
* Played role as Onsite coordinator at customer place and Test Lead at offshore. Offshore Coordination including the efforts, billing and resource utilization.
* Extensively tested several ETL Mappings developed using Informatica.
* Gather and interpret the functional requirements of the work items for multiple applications under warp services.
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica Mapping
* Tested the reports using Business Objects functionalities like Queries, Slice and Dice, Drill Down, Cross Tab, Master Detail and Formulae etc
* Attend design review meetings and understand of the work items
* Worked as part of an Agile team to solve problems and deliver projects in a fastpaced environment.
* Prepare test estimates and revise if applicable, Escalate issues/risks to Test manager / Project Manager, ensure quality of deliverables meet expectations.
* Preparing Test Approach document, Test conditions and detailed Test Script Development based on the design documentation.
* Work with the Test Automation team to develop Automation scripts in Selenium Web driver and Execute Automation scripts using Jenkins.
* Build Validation, End of Day Validation, Smoke Testing and Functional testing of the Next Gen application.
* Did data analysis and data testing and verified fields present in the reports are as agreed in the ETL specifications.
* Worked in an Agile Methodology with Scrum.
* Perform Test Script Peer Review and Knowledge sharing to the team.
* Defect Reporting and follow up in JIRA and conduct Defect Triage meeting
* Develop training manuals and conducted cross training session for the team
* Maintain the test deliverables of each phase in Windows SharePoint.
* Involved in preparation of RCA, risk assessments of the work items and report the same to client.
* Interaction with the Business Partner's, External Vendors, BA's and the customer
* Generate Test Summary Report (Exit Criteria) with following detailed information

**Environment:** HTML/DHTML, MXML, Java, JSP, XML, SQL, Quality Center, QTP, Agile, VBScript, VB.NET, ASP.NET, CSS, Oracle, Javascript, jQuery, Flash, Putty, Dreamweaver, Photoshop, Adobe Flex3.0, UNIX, WS\_FTP, PWH (Chrysler's Content Promotion Tool)

**American Honda Motors Ltd, Torrance, CA Oct 2013-Aug 2015**

**Sr QA Tester**

Honda as a product manufacture has got many assembly lines and different vendors who provide service parts. Honda Back office maintains and tracks the all the data corresponding to the Honda vehicles, Honda dealer, Honda customers, Honda services and Telematics units. Back Office is integrated with Honda Components and other vendors.

**Roles & Responsibilities:**

* Reviewing Business Requirement Document (BRD), Functional and Technical specifications with business analysts, developers and QA manager to learn the functionality and process of the application.
* Involved in preparing Test Plan and defined the testing approach, scope, resources and time lines.
* Working with other team members and conducting the weekly status meeting to make sure that all team members are on the same page.
* Writing Test Cases in Excel spread sheet based on Technical and Functional Specifications and uploading them in TestRail.
* Worked in an agile development enviroment with frequently changing requirements and feature set
* End to End Test automation frame Design and development using SoapUI Pro,Groovy scripting
* Tested the BI reports developed in Business objects after designing the reporting test
* SoapUI Pro and LoadRunner tool trainer and consultant
* Designed and developed Data Driven Testing using SoapUI Pro
* Test Data preparation automation using Soap UI Pro.
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Involved in performance testing using Load Runner and Apache JMeter
* Requirement discussions with Customer and vendors.
* System testing & performance test plans of the application.
* Built Web services hosted on a database to connect to Web application using SOAP,HTTP,XML,JSON and WSDL
* Tested the ETL process to automate the testing process and loaded the test data into the testing tables.
* Involved in testing the functionality and usability of the System for end user perspective.
* Defect review meetings and defect management in QC.
* Test cases design from the use case diagrams
* Conducted System testing, joint integration testing and regression tests.
* Quality Center for as test management tool
* Set up definitions and process for test phases including Product test, integration test, system test and User Acceptance Test (UAT).
* Tested the ETL process for both before data validation and after data validation process. Tested the messages published by ETL tool and data loaded into various databases
* Created templates for UAT test plan and test cases based on business requirements
* Defects were tracked, reviewed, analyzed and compared using HP Quality Center.
* Created smoke test cases for the end to end process of the successful and failure path of the application
* Reported bugs using JIRA and interacted with developers to resolve the problems.
* Reviewed and refine team processes to increase productivity, using agile methodologies.
* Tested the Business Objects Universe and validated Business Objects Reports using backend testing
* Test release audits and configuration audits
* Co-ordination with Tech. Architect , Business Analyst and development team

**Environment & Tools:** SoapUI Pro, QTP, LoadRunner, IBM DB2, ClearQuest, JIRA, Agile, Java, Web based testing, Functional testing, Regression testing, Smoke Testing, Automation Testing, SQL, Automation (QTP), Excel reporting

**Hyundai Motor America, Fountain Valley, CA May 2011-Sep 2013**

**Sr QA Tester**

Performed full SDLC black box, grey box and batch testing on Telematics equipment, online enrollment applications (BlueLink), web portals, reports, and an Oracle Siebel CRM application

Quality Assurance Engineer who was responsible for the hardware and software testing of a new telematics product for Hyundai which utilized a java web-based architecture integrated with computers and mobile automotive navigation (GPS) applications.

**Responsibilities**:

* Wrote and executed complex Test Scenarios, Use Cases, and Test Cases
* Created traceability matrice
* Created and managed defects in SharePoint
* Participated in daily defect management meetings
* Supervised and trained junior tester
* Responsible for Portal module testing strategy set-up, high-level testing scenario script and test status reports.
* Execute local test activities concerning to software projects predominantly in the areas of infotainment and multimedia systems
* Led large-scale onsite and offshore Web project team, collaborating closely with Project Managers, Business Analysts, Dev team lead to ensure accurate execution.
* Performed System Integration testing on the Infotainment Head Unit and Vehicle Emulator
* Prepared and gave testing demo presentation about testing result of each sprint.
* Performed system test, regression test, end to end test, sanity test.
* Collaborated with BAs to review business requirement document and gave training to QA team to understand business rules.
* Perform extensive software testing for Speech and Tuner on infotainment module on bench and in vehicle.
* Worked with development team to verify the defect root cause.
* Attended defect meeting, coach meeting to report testing status and decide release go to production or not.
* Tested Mobile applications on Android, iOS and Windows Mobile Handsets and Smart Phones.
* Managed and executed the test process using Agile Methodology and Involved in Functionality testing of UI applications.
* Attended Portal scrum meeting and QA daily stand up to get sufficient communication about the updated system information with QA team, BA team, Development team and management team.
* Scripted requirement traceability matrix and defect status reports.
* Kept track of Business Requirement Documents and Product Change Requests.
* Worked with vendors to ensure that information is relayed to the business.
* Followed-up on Action Items with Project Managers.
* Tested Mobile apps on different Android versions (Samsung, nexus, LG, HTC and Tablet) and iOS versions( iPhone 4,5,5c plus and iPad mini, iPad Air)
* Scheduled meetings between vendors and business partners.
* Tracked tasks on Master Project Schedule using Microsoft Project.

**Environment:** Quality Center,ALM, UNIX, Windows 2000/XP, Mainframe, Agile, Infotainment, TFS, SQL Server, SOAP UI, Jira, OBIEE, MS Visio, telematics, MS Office, HTML, J2EE, JAVA

**Capital One Auto Finance - Dallas, TX Jun 2009-Apr 2011**

**QA Tester**

Summary: Description: Capital One Financial Corporation is one of the world's top providers of Master and Visa credit cards. A fortune 500 company, Capital One offers a wide array of consumer lending products, including auto loans. A full credit spectrum lender, Capital One Auto Finance is America's largest online vehicle lender, originating vehicle loans directly to consumers via the internet. The company also offers auto financing through direct-mail programs and at thousands of auto dealerships nationwide. Lately Capital One Auto Finance strategy is to buy the businesses which are in the same LOB and acquire the company's customer base. This brings a challenge to integrate the new business acquired into the existing Capital One Auto Finance system. This project Integrated Prime Program (IPP) integrates newly acquired businesses like Hibernia, ONYX into Capital One Auto Finance.

**Responsibilities**:

* Worked closely with the Developers, Analysts, and Architects for knowledge sharing and to resolve issues during scrum sessions using Agile Methodology.
* Showed Ambiguity/doubt Analysis with Business Analyst and Development Team and Business.
* Monitored and tracked defects and managed through resolution using ALM/Quality Center.
* Executed the transactions manually and verify the back end functionalities and data exploitation.
* Wrote complex queries for data validation/justification using SQL statements.
* Developed Web Service Test with Soap UI to test SOA platform.
* Execute written test case scenarios, including manual, automated, and data-driven regression testing, and GUI verification by using Quick Test Professional (QTP).
* Maintained the GUI objects in the shared object repository by using Object Repository Manager in QTP and performed compatibility testing
* Used JIRA bug tracking tool to analyze & capture bugs, track and manage dashboard any type of updates for project release.
* Installed SOAP UI to test Web Services using WSDL file given by Development team and Tested Web Services request and response and validated the responses by executing queries against the database
* Performed the functional testing of Web Services using SOAPUI
* Designed Summary Reports, Traceability Reports using Quality Center
* Managed and led the testing process to meet project release deadlines.
* Interacted with developers, discussed technical problems, provided feedback concerning completeness and reported bugs.
* Participated in weekly project status meetings with the management team and walkthroughs.

**Environment**: MS Access, XML, UNIX, HTML, SQL Server, Visio 2000, VB Script, Windows