

**Abhishek Kumar**

Test Lead

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**Professional Summary**

- A competent professional with **14+** years of experience in Software Testing and Project management.
- Experience in all phases of testing (System, Components Integration, End to End Testing and supported UAT and Preproduction testing with Business/Project team).
- Having experience in Manual Testing, SaaS Web Application Testing, Validation Testing, DWH testing, Dashboard Testing, ETL Testing and Report Data Validation.
- Experience in Functional testing, Integration testing, System testing, Regression testing, Retesting and Compatibility testing.
- 5 years of experience in GxP regulatory environment.
- Strong understanding on 21 CFR Part 11 for electronic record and electronic signature.
- Expertise in managing the IT Applications in life science domain in adhere to data security, traceability, and integrity.
- Practical skills in planning QA activities, conducting estimates, performing, and controlling tasks distribution and execution.
- Experience in consolidating the overall project status and reporting to higher management (Daily Status Reports, Weekly Status Reports (WSR), Monthly Deck)
- Review work artifacts of other teams and guide them towards the best option using personal experience and industry knowledge.
- Reviewing SIT (System Integration Testing) Test Cases prepared by testers.
- Making sure the test environment is put into place before test execution and managed during test execution.
- Proficient experience using commercial clinical data management systems and/or EDC products.
- Experience in preparing, Reviewing, Executing Test Cases and Preparing Test Summary Report.
- Created, maintained, and updated regression suites upon receiving new build.
- Prepared Traceability Matrix to ensure the test case coverage for all requirements.
- Working experience in using Test Management and defect tracking tool.
- Provide project related training, guidance and support to peers and new team members.
- Good team player and capable of delivering tasks within stringent timelines.
- Ability to adopt in various technologies and work environment.
- Highly motivated, organized, able to work independently and able to switch between projects quickly.
- Experience of checking the data flow through the front end to back end and used the SQL queries to extract the data from the Database to validate it at back-end.

**Technical Skills**

- **Operating System:** Windows, Linux
- **Database:** MS SQL Server, PostgreSQL, Oracle
- **Programming Language:** SQL, Core Java
- **Tools & Others:** Selenium, Jira, Mantis, Bugzilla, JAMA, Clinical Trial Management System (CTMS), Veeva Vault, Share Point, Veeva CRM

**Training & Certifications**

- Certified Scrum Master (CSM)
- Microsoft Certified Azure Data Fundamental

**Professional Experiences**

- Currently working as Test Lead for HCL Technologies, Chennai | From Feb 2017 to Till
- Worked for Appnomic System Pvt Ltd, Bengaluru | From Aug 2016 to Jan 2017
- Worked for Mindteck(India) Limited, Bengaluru | From Nov 2013 to Jul 2016

- Worked for iFocus Systec, Bengaluru | From Apr 2012 to Oct 2013
- Worked for Gemini Communication Limited, Bengaluru | From Sep 2010 to Apr 2012
- Worked for Convergent Communication Limited, Bengaluru | From Feb 2009 to Aug 2010

## Project Details

<b>Project 1 :</b>	LabCorp Xcellerate Testing   May 2018- Till
<b>Client :</b>	Labcorp
<b>Role :</b>	Test Lead
<b>Technologies &amp; Tools:</b>	SQL Server Management Studio 2012, CTMS, Dot Net Reports/Dashboards, SSRS Reports, Computer System Validation (CSV), Jira, Share Point, 21 CFR Part 11, Veeva Vault, Veeva CRM
<b>Description:</b>	The Operational Data Warehouse (ODW) is a star schema designed database, primarily used for reporting purposes. It consumes data from two Electronic Data Capture (EDC) systems (Medidata Rave and Oracle Inform), IVRS and different Excel file inputs, RIM (Risk and Issue Management) and Programmable PD. All these data are mapped to ODW for efficient reporting and transfer of data to downstream applications like Xcellerate Risk Review (XRR), Xcellerate Risk and Issue Management, Risks Assessment Categorization Tool (RACT) and others. The ODW database extracts primarily Study, Site, Subject, Trip, Investigator, Issues, Protocol Deviations (PD), and payment information from CTMS.
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>• Lead a team of 8 QA engineers to ensure the delivery of high-quality software within tight deadlines.</li> <li>• Plan and distribute tasks inside the testing team and track testing task progress.</li> <li>• Handles multiple projects simultaneously.</li> <li>• Create test documentation, test cases and regression test suites.</li> <li>• Responsible for testing and reviewing of ETL mapping and transformations specifications based on the business requirements from various teams and the business teams.</li> <li>• Report on testing progress to the reporting manager and the onsite team.</li> <li>• Responsible for Reviewing and ensuring the regular Applications Administration activities (system configuration and security policies implementation, Privileges and Roles Management).</li> <li>• Testing SaaS Applications for different SaaS clients.</li> <li>• Validated the entire filters which are available on report.</li> <li>• Performed Dashboard validation and Report Data Validation.</li> <li>• Authored and reviewed validation document as needed.</li> <li>• Review work artifacts of other teams and guide them towards the best option using personal experience and industry knowledge.</li> <li>• Upload the approved Test Suites and Test Execution Document by quality in Share point.</li> <li>• Defect analysis and defect reporting.</li> <li>• Involved in testing Change Request (CR) that is testing base enhancement to the existing code before implementing in the production.</li> </ul>

<b>Project 2 :</b>	SEPTA AFC(Automated Fare Collection)   Feb 2017 – Apr 2018
<b>Client :</b>	SEPTA USA
<b>Role :</b>	Test Lead
<b>Technologies &amp; Tools :</b>	SQL Server Management Studio 2012, JAMA, Embedded, Jira
<b>Description :</b>	The main purpose of SEPTA transportation was to secure the passes for consumers' choice for 1 day, weekly or monthly and student passes for the purpose of travelling in the RAIL system. Devices used are Turnstile, ADA Gate, Rotary gate, OBP, ASD FVD and PPS gates for commuting. Testing various Turnstile Gates of consumers while using SEPTA cards
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>• Upgrade the firmware of various devices such as Smart Media Processors (SMP) and Turnstiles/ADA gates.</li> <li>• Developed test cases for all the test requirements and uploading the same in JAMA.</li> <li>• Involved in test execution and executed test cases for all functionalities.</li> <li>• Review and analyze the test result and raised the defects in JIRA.</li> <li>• Retesting the Fixed defect and update the status in JIRA.</li> <li>• Preparing Daily Status Report and Weekly Status Report for the status Calls.</li> </ul>

	<ul style="list-style-type: none"> <li>Perform Peer Review on Test Cases written for future modules.</li> </ul>
<b>Project 3 :</b>	<b>FINCORE   Aug 2016 – Dec 2016</b>
<b>Client :</b>	Appnomic
<b>Role :</b>	Senior Software Engineer
<b>Technologies &amp; Tools :</b>	Jira, Selenium, WebDriver
<b>Description:</b>	FINCORE is a web-based tool developed to monitor and manage the performance of applications running on IT infrastructure. FINCORE monitors banking business transactions. This helps in faster and more accurate identification of issues related to banking transactions.
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>Understanding the client requirement and functionality of the system.</li> <li>Prepare and Execution of Test Cases as per requirement.</li> <li>Installation and configuration for monitoring of application server such as Tomcat.</li> <li>Perform Functional testing, Regression Testing, Retesting and System Testing.</li> <li>Bug Tracking and Reporting using defect tracking tool.</li> <li>Modify the Test Cases as per Change Request and track it.</li> <li>Automate the basic flows of the application using selenium.</li> </ul>

<b>Project 4:</b>	<b>Compliance Wire   Jan 2016 – Jul 2016</b>
<b>Client:</b>	Global Safety Science Company
<b>Role:</b>	Senior Test Engineer
<b>Technologies &amp; Tools:</b>	SQL Server Management Studio 2012, Computer System Validation (CSV), Jira, Share Point, 21 CFR Part 11, Snagit
<b>Description:</b>	Compliance Wire is a cloud-based learning platform designed specifically to address the regulatory challenges faced by the life science industry, pharmaceutical, Biologics and Medical devices manufactures. As an enterprise-wide learning system compliance wire supports the learning and development needs of quality assurance clinical, corporate compliance. Compliance wire supports electronics signature.
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>Contributed to the testing web and mobile applications.</li> <li>Performed Functional testing, Regression testing, Retesting and Compatibility testing.</li> <li>Performed Cross platform and Mobile app testing.</li> <li>Bug Tracking and Reporting using defect tracking tool.</li> <li>Involved in creating the Traceability matrix based on Functional requirements.</li> </ul>

<b>Project 5:</b>	<b>Lighting Control System (LCS)   Jan 2015 – Dec 2015</b>
<b>Client:</b>	SinBerBEST, Singapore
<b>Role:</b>	Senior Test Engineer
<b>Technologies &amp; Tools:</b>	Jira, Share Point, Selenium WebDriver, GitHub, Postman
<b>Description:</b>	SinBerBEST (Singapore-Berkeley Building Efficiency and Sustainability in the Tropics) is a Singapore based company. They are into research for novel demand-side energy reduction in buildings. LCS Web server is a Java based web application. This web application also works as communication hub to Gateway and Device. It will interface with MCR and advanced LCS 2D and 3D UI. LCS Web Server provides REST web service interface for Gateway and MCRS.
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>Performed requirement feasibility analysis and identified test scenarios.</li> <li>Documented test cases and performed peer reviews on the teammate's work.</li> <li>Performed Functional testing and browser compatibility testing.</li> <li>JIRA was used for issue tracking in case of environmental issues.</li> <li>Created Automation Test Cases using Element locators and Selenium Web Driver methods.</li> <li>Checking the data flow through the front end to back end and used the SQL queries to extract the data from the Database to validate it at back end.</li> </ul>

<b>Project 6:</b>	Regen Report Automation   Jul 2014-Dec 2014
<b>Client:</b>	ReGen Energy Ltd, UK
<b>Role:</b>	Senior Test Engineer
<b>Technologies &amp; Tools:</b>	Jira, Share Point, Selenium WebDriver, Agile
<b>Description:</b>	The project is based on web-based application for monitoring and report automation solution. Which is helping to automate processes at a US web-based energy. Automate demand response solution in commercial and industrial facilities.
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>Performed feasibility analysis for the user stories in the Product backlog and identified test scenarios.</li> <li>Worked in Agile methodology.</li> <li>JIRA was used for issue tracking in case of environmental issues.</li> <li>Development and Execution of detailed test scripts (test requirements, test scenarios, test cases, test data) for each user story.</li> <li>Performed user interface testing including Dashboard charts and filter criteria.</li> <li>Validated the entire filters which are available on report.</li> <li>Performed Dashboard validation and Report Data Validation.</li> <li>Involved in creating the Traceability matrix based on Functional requirements in each module.</li> <li>Test Automation using Selenium Web Driver.</li> <li>Maintaining updated reports on resolved bugs.</li> <li>Used the SQL queries to extract the data from the Database to validate it at back-end.</li> </ul>

<b>Project 7:</b>	Thunder Light   Nov 2013 – Jun 2014
<b>Client:</b>	Utility-Scale solar power
<b>Role:</b>	Senior Test Engineer
<b>Technologies &amp; Tools:</b>	Zigbee, 802.11, Jira, Embedded
<b>Description:</b>	Thunder Light is a Solar Power Plant controlled by wireless technology, typically referred as Concentrated Solar Power (CSP) uses thousands of mirrors to reflect and concentrate sunlight into central point to generate heat on molten salt drives turbine to generate electricity. The Solar Plant is connected with internet so that it can automatically change to safe mode if the chance of natural calamities initiates by regional weather forecast.
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>Created Functional and System Test cases from Functional requirement specification document.</li> <li>Perform the Smoke Testing, Functional Testing, GUI Testing, Integration Testing and System Testing on System on chip.</li> <li>Mantis was used for issue tracking in case of environmental issues.</li> <li>Maintaining updated reports on resolved bugs.</li> <li>Provide the logs to the development team.</li> <li>Involved in creating the Traceability matrix based on Functional requirements in each module.</li> <li>Create the Test Report and update in the SVN.</li> </ul>

<b>Project 8:</b>	sfA3.0.0/android -4.0   Apr 2012 – Oct 2013
<b>Client:</b>	Cambridge Silicon Radio (CSR), Bengaluru
<b>Role:</b>	Test Analyst
<b>Technologies &amp; Tools:</b>	802.11, Iperf, Wireshark
<b>Description:</b>	The project includes validation of the CSR's Wi-Fi solution on Android versions like Gingerbread. The CSR's Wi-Fi solution consists of Wi-Fi chips and host software, Synergy. The work involved integrating and testing the synergy host software onto the android system.
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>Analyzing Requirements from FRD.</li> <li>Development and Execution of detailed test scripts (test requirements, test scenarios, test cases, test data).</li> <li>Performed Wi-Fi specifications (AP, STA, P2P, Co-existence) and BT Coexistence Testing.</li> <li>Performed Functional, Regression, Retest and system Testing.</li> </ul>

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|  | <ul style="list-style-type: none"><li>• Coordinating with developers to resolve and fix the faults found in testing the structure and functionality of the application.</li><li>• Providing Air logs to Development team using wire shark with CACE AirPcap NX adapter.</li></ul> |
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### Education

- Bachelor of Engineering - Visvesvaraya Technological University (VTU), Belgaum, Karnataka

### Declaration

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

Abhishek Kumar

Chennai