Saminadhen

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Career Profile

- ✓ Around 4+years of experience in Software Testing.
- ✓ Around 1 year experience in Software Development
- ✓ LeadingGRS competency team for various products (HCL Technologies)
- ✓ Having good experience in various types of testing like Functional, Regression, GUI, Sanity, and Smoke testing.
- ✓ Exposure to STLC including Agile Methodology for product testing.
- ✓ Experienced in analysing the project requirements and developing test cases.
- ✓ Experienced in executing test cases and updating test results.
- ✓ Having good experience in embedded c coding and automation tool like test complete
- ✓ Experience in SNMP testing using MG-Soft MIB Browser.
- ✓ Experience in Rational Clear Quest tools.

Experience Summary

- ✓ Working as Technical Lead inHCL Technologies, Chennai from July2011 to till date.

Achievements

- ✓ Received live wire Award in Feb 2016 from HCL Technologies.
- ✓ Received appreciations from Client for testing done on various features.
- ✓ Received SPOT Award for the year April 2015 from HCL Technologies
- ✓ Received Live Wire Award in Oct 2015 for the quarter from HCL Technologies
- ✓ Completed UG Project in Southern Railway successfully in the department of Microwave.

Educational Qualifications

- ✓ Master of Technology inElectronics and Communication from Pondicherry Engineering College, Pondicherry University with 7.3 CGPA.
- ✓ Bachelor of Technology in Electronics and Communication from Sri ManakulaVinayagar Engineering College, Pondicherry University with 7.5 CGPA
- ✓ Diploma in Electronics and Communication From Mothilal Nehru GovtPolytechnique college, Tamilnadu Directorate of technical education with 83.4%
- ✓ SSLC in Our Lady Of Lurdhes Boys High School, Pondicherry with 79.8%

Technical Proficiency

Skills	Details
Operating System	Windows XP/Vista/7/8
Bug Tracking Tools	Rational Clear Quest, MKS Integrity
Software Packages/Tools	MG-Soft MIB Browser, Wireshark, Aptest Manager
Application	C language, Test complete

Project Summary

Project 1: GRS (Global Remote Services)
Organization: HCL Technologies
Client: Xerox Corporation
Tools: Rational Clear Quest, MKS Integrity, Aptest, MG-Soft MIB Browser, Wireshark, Test complete
Role: Software Engineer & Lead Engineer
Team Size: 25

Description:

GRS is one of critical printer management module that used to automate the existing Xerox back-end business processes for billing, supplies replenishment. When existing business processes are automated, Xerox will have the following benefits:

- Improved post-sale margins
- Reduced time to repair products under contract.
- Reduction of costs incurred to repair products under contractcustomers using the Windows-based applications.

The technology used to help automate the Xerox back-end business processes consists of 2 options namely "direct-connect" software module embedded within Xerox devices and a set of Windows-based applications installed on the customer's PC which collect data from Xerox and non-Xerox devices. The advantage of the "direct-connect" software module is that it is always on and is virtually invisible to the customer.The advantage of the Windows-based applications is that the automatic device data collection process can still operate within those environments which impose strict IT policies which may not allow for Xerox devices to send data directly back to Xerox across the customer's firewall.

Responsibilities:

- Interact with client to understand the scope of GRS module for each printer.
- Provide technical support and resolved whenever team faces the issues.
- Executedand reviewed test cases for all the features.
- Defect reporting and verifying using Rational Clear Quest and MKS Integrity Defect Tracker.
- Generate and maintaining test reports
- Involved in creating and uploading Test prcedures in to Aptest-Test Web Management Tool
- Defect analysis-Terminal state defects, Spec change defects, SPAR defect analysis
  -Machine Status
- Feature Competency metrics - Defect validity Analysis, Defect Quality Analysis, Defect Find Rate, Test Complete Ratio, Schedule Variance, Test Case Execution Rate, Test Case Written Rate
- Conducting Daily Standup meeting
- Played CC role for nearly 15 product in project quality audit for one and half year
- Played DPA role for 5 product in project quality audit for 1 year

Project 2: CWIS (Centre Ware Internet Services)
Organization: HCL Technologies
Client: Xerox Corporation
Tools: Rational Clear Quest, Aptest, MG-SOFT MIB Browser
Role: Software Engineer
Team Size: 15

Description:

CWIS is the built-in printer management software for network printers. It simplifies the management of network printers and to check the status of printer without having to touch the printer. Administrator can monitor, configure, upgrade and troubleshoot the network printers from their favorite web browser using simple point and click navigation. Configurable hotlinks provide convenient, point-of-need access to product information, software drivers, help-desk and customer support.

MIB (Management Information Base) is a database used for managing the entities in communication network that associated with SNMP (Simple Network Management Protocol), the database is hierarchical and each entry is addressed through OID (Object Identifier).

Responsibilities:

- Understanding CWIS web page of each printer.
- Performed Functional, Sanity and Regression testing for the web page features.
- Defect reportingand verification using Rational Clear Quest Defect Tracker.
- Updating results in Aptest report tracker and generate Test Report.
- Trained junior test engineers for various features.

Project 3: Smart eSolution

Project Name   : Smart eSolutions& Usage Profile
Tools used   : Rational Clear Quest, Clearcase
Company   : HCL Technologies
Client   : Xerox

Description:

SMarteSolutions is a suite of offerings that simplifies the ownership and administration of Xerox equipment. SMarteSolutions includes free services offered for the administration of metered billing, supplies replenishment plans and transmission of diagnostic information for networked equipment. The SMarteSolutions suite includes:

Usage Profile: Usage Profile is a functionality, which gives the information of many aspects of printer usage, such as ink or toner used, number of pages printed and paper types used, which is gathered during the life of the printer. The usage profile reports can be triggered by jams, pages printed, time or day of the month.

This capability is critical as it provides basic machine performance and usage information necessary for Xerox to design products and successfully run their business. For example, understanding of the Post Sale usage (color area coverage, media size usage, document run length) allows Xerox to make decisions that improve machines run cost. Knowledge of specific fault codes will provide insight into improvements that can be made to reduce service costs. Knowledge of customer behavior may facilitate the improvement of workflows and features, thus enabling better differentiation of Xerox products and business.

Responsibilities:

- Understanding Smart eSoluitons and Usage Profile feature requirements
- Involved in Creating Test Scenarios, Traceability matrix and Test Cases
- Executed Functional Test Cases for Smart eSoluitons and Usage Profile
- Actively involved in Regression and System Testing.
- Actively involved in Bug filing, Tracking and Test Reporting
- Participate in daily Scrums, PMD, Project Closure meetings
- Generated Test Report
- Reported and verified bugs in clear quest Defect Tracker.

Project 4: Raymaraine

Organization: HCL Technologies
Client: Raymarine
Tools: Kvaser, Transducers, Raymarine test tool
SeaTalk instrument: i50 Speed, i50 Depth, i60 Wind
Network: CAN
Protocol: NMEA, ST1
Role: Software Engineer
Team Size: 15

Description:

RaymarineSeaTalk instruments are directly connected to the corresponding transducers (the device that provides the raw data), and provides data and control appropriate to its function, to all other equipment connected to the network. The absolute voltage range (volts DC) is 9-32 volts. The system configuration includes the Raymarine instruments connected with network (STng).STng is NMEA 2000 based CAN network. STng data bus is a robust CAN-based data backbone that integrates and NMEA 2000 compatible engine, generator and instrument systems.The back end process is monitored through Raymarine test tool with the PC and network connected through Kvaser connector.

Responsibilities:

- Involved in Testing the Seatalk instruments i50 Speed, i50Depth and i60 Wind
- Tested connecting with transducers
- Involved in Test case development and test report.

Personal Profile

Name   : Saminadhen S
Fathers Name   : Sekar J
Marital Status   : Married

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