SEJAL DESAI

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Objective

Obtain a Software QA Lead Engineer position as a well-rounded and highly skilled individual for a company that wants to deliver quality product and grow their customer base.

Professional Summary

- Expertise in GUI Automation testing, Integration and System testing including Functionality, Performance, Stress, Load, Backend, Data Driven and Regression testing.
- Hands on Experience and excellent knowledge in HP ALM,PPDM, WITSML Standard, .Net Technology, ASP.NET, WHQL Certification and Microsoft Azure.
- Experience with network protocols and Storage controller certification for HW Logo, Driver Logo &Storage Spaces Direct. Skilled at programming switches Cisco Nexus, Brocade 2408 and HP Procurve 5406zl.
- Experience with Fracturing Data Acquisition System, Drilling, Servers and E-Commerce applications.
- Recognized as a team player and very good communicator who can convey information across whole team.
- Over 15 years of diverse experience in the field of Information Technology with emphasis on Quality Assurance, Business Requirements and Automation Testing using Waterfall and Agile Methodologies.

Core Competencies

- Excellent understanding of Software Quality Assurance processes and implementation of same in small, medium and large business applications with attention to details.
- Good communication and management skills – effective leader and motivator.
- Extensive experience working & coordinating with offshore development and/or QA team.
- Proactive | Self-motivated | Team worker | Creative | Insightful | Innovative | Organized| Assertive |Adaptable | Problem Solver

Education

B.S. Electronics Engineering, Mumbai University, India.   *(05/2001)*

Certification

Passed Quality Assurance Institute's, Certified Software Test Engineer Examination

Work Experience

Schlumberger   *(09/2018 to 04/2020)*
Lead Test Engineer

Worked as QA Commercialization Engineer to test Schlumberger's Fracturing Data Acquisition system that is used to automate the Fracturing Job. Performed testing and helped develop QA Processes to help smooth Software development.

Responsibilities: -
- Worked with Data Acquisition System that reads data from equipment and sends command back to control the equipment during a fracturing job.
- Prepared Test Cases and Test Scenarios based on User Stories and User Acceptance Criteria.
- Worked with Field Engineers, Developers and Project Manager to mitigate Requirements that were not defined correctly.
- Performed Sanity test, Integration test and System test on the Product before it was released for Commercialization.
- Created Requirements Traceability Reports and Test Status Reports in Azure Dev Ops for Development and Management Team.
- Held Bug Triage Meeting with Stake Holders for Bug Prioritization of all Products.
- Worked with Serial Data mode transfer and Mod Bug Data Transfer in order to read and write data to and from equipment.
- Periodically performed Demos of the Product to all Stake Holders, Field Engineers and Managers from different Business lines.

Hewlett Packard   *(12/2003 to 08/2018)*
Lead Test Engineer

Worked on several different positions as a contractor over a decade with focus on Hardware and Software testing for E-commerce and Industry Standard Servers. Focus on improving Quality Assurance processes and delivering quality products on scheduled timeline.

-QA Lead for Storage Controller and NIC Team   *(07/2015 to 10/2017)*
Responsibilities: -   *(05/2011 to 01/2012)*

- Worked with Microsoft and VMWare team members for certifying storage controller against new OS releases and test tools.
- Worked with other technical leads to plan testing activity, scheduling tests and assisted team members in understanding project.
- Debug issues and test failure and communicating defects to developers. Follow up on defects, re-test and resolve them in HP ALM
- Designed and implemented processes to enhance certification process of Storage Controller drivers and firmware.
- Configured storage Spaces and Storage Spaced Direct testing for MS Win2012 & Win2016 release.
- Worked as QA Lead and coordinated testing efforts in between offshore teams.
- Performed Microsoft Azure setup and testing for validating HPE Storage Controller for SDDC Premium Qualifier.
- VMware HW logo and Driver Logo certification for Storage Controllers using Esxi6.0, ESXi6.5,ESXi5.5 and ESxi5.
- Logging defects in Quix, following up with developers and vendors, providing them debug data and re-testing issues.
- Worked on iSCSI and FCoE technology and worked with different switches HP Procurve 5406zl, Cisco Nexus 5010.
- Created Excel reports for Management and provided graphs and analysis from ALM to Management team in order to give better understanding of project status.

-QA Lead for HP E-Commerce website   *(04/2018 to 08/2018)*
                                                                            (04/2007 to 09/2007)
 Responsibilities: -   *(12/2003 to 10/2006)*

- Worked with managers and Business analysts to understand and gather Business requirements   for analysis and development purposes.
- Created Test cases based on Business Cases in HP ALM.
- Co-ordinates Testing between Different business teams when System Test was performed in order to migrate to SAP system.
- Generate Test Reports using ALM and Excel to provide Test Status and Quality of Product.
- Data Driven testing using parameterization to test application with multiple sets of data.
- Worked as QA lead and managed team of four for automating .Net based Call Centre Application.
- Managed and Developed requirements and Use Cases using Test Director & Quality Center.
- Investigated bugs using Quality Center and interacted with developers to resolve technical issues.
- Planned and managed testing strategies through all phases of the software development, test and revision cycles in Test Director.

Halliburton, *Houston, TX*
Landmark R&D and Manufacturing Unit
-QA Lead and Principal Software Tester   *(07/2012 to 10/2014)*
Responsibilities: -

- Performed testing on Landmark's Decision Space WITSML application used to read and write RealTime Drilling Data for Wells using WITSML Std 1.3.1.1 , 1.4.1.0 and 1.4.1.1
- Followed Agile Software Development Life cycle for performing testing on Well Production and WITSML Application.
- Defined and promulgated test cases based on the User stories listed in TFS as part of Agile Development process.
- Performed Integration and System Testing between WITSML application and various other WITSML applications by other vendors.
- Actively participated in Scrum meetings and was responsible for iteration Demos for showing the progress and future of testing efforts.
- Performed Smoke Testing, Regression Testing, Security Testing, GUI Testing and User Acceptance Testing for WITSML and Well Production distribution application.
- Performed Data verification testing of well, wellbore, logs trajectory, mudlog objects of WITSML application and on Well data fetched from any data source.
- Created Test Automation plans and worked with Development team and other stakeholders to communicate the results and output of automation testing.
- Log and track defects in TFS. Re-testing and closing the defects in TFS.
- Worked and managed offshore team of 3 people for scheduling testing activities.

- Principal Test Engineer   *(11/2006 to 04/2007)*
Responsibilities: -

- Worked in manufacturing unit to troubleshoot Printed Circuit Assemblies(PCAs) used in Inserts utilized for Oil Exploration.
- Worked on various Test System software used for testing PCAs.
- Writing technical documents, including specification, test procedures, test analysis and test results.
- Initiate electrical design tasks, performance testing and test evaluations.

Elsevier, Houston, TX   *(02/2012 to 06/2012)*
-Quality Assurance Tester for Nursing Education Application
Responsibilities: -

- Responsible for onsite data-collection, field verification, discrepancy resolution,
- Participated in discussions with managers and Business analysts to understand and gather Business requirements for analysis and development purposes for each module.
- Created test plans and test scenarios based on these discussions and business requirements document.
- Created Test cases in JIRA and mapped Requirements to Test cases and defects logged to show test coverage matrix.
- Performed Functional, System and integration testing of application.
- Logged and prioritized defects based on business needs and discuss impact of defects on application with Business Analyst.
- Triaging of Defects and tracking them. Re-testing defects and closing them.
- Provide Defect reports and testing status to team and project stake holders.

Petris Technologies, Houston, TX   *(05/ 2008- 10/2010)*
- Quality Assurance Engineer
Responsibilities: -

- Defined and promulgated test cases based on User Stories listed in TFS.
- Lead and coordinated testing efforts through each iteration cycle and bug triaging with developers.
- Performed web services testing with SOAP tools.
- Worked closely with Technical Writer to review User Guides and Installation guides
- Conducted Sanity testing, Regression testing and Functional testing.
- Used QAD to store Test Partner scripts and its test results, enabling entire QA and development team to effectively collaborate to improve application quality
- Conducted **Training on the Released product** for Support and Delivery team and worked with support team to resolve installation and well application setup issues

Computer Skills -

•	**Testing Tools**	HP ALM, WinRunner, Loadrunner, JIRA, Quick Test Pro, Compuware's Test Partner, HLK1.0, WHCK2.1;
•	**Reporting Tools**	ALM, Test Architect, Quality Assurance Director, Team Foundation Server, Remedy, JIRA.
•	**Testing languages**	TSL and VB scripts
•	**Programming Languages**	C, C++, SQL, VB, VBA, ASP, .NET 3.5, Python
•	**Databases**	Microsoft Access, SQLServer, Oracle 8i.
•	**Operating Systems-**	Win2012, Win2016, Linux , Red Hat.

Work Status – US Citizen

References - Available upon request.