

# VENKATA SATISH SARIPELLA



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## PROFESSIONAL SUMMARY:

- **Quality infected Software Engineer from heart** with 10+ years of experience in full system development lifecycle, including designing, developing and implementing test plans, test cases and test processes.
- Hands-on technology professional accustomed to working in complex, project-based environments with different cross-functional teams across the globe.
- Backed by strong credentials including a Master's degree in Information Systems from an esteemed university and completed numerous trainings.

## EDUCATION / CERTIFICATIONS

Masters in Information Systems, George Mason University - Fairfax, VA  
Bachelors in Electrical & Electronics Engineering, CMRCET, India

2007-2009  
2003-2007

### **EXAM**

### **Client**

Certified ScrumMaster  
ITIL Foundation Certificate in ITSM  
MCTS: Configuring Microsoft Office SharePoint Server 2007  
MCTS: MS Office SharePoint Server 2007 - Application Development  
MCTS: Microsoft SQL Server 2005 Implementation & Maintenance  
MCTS: MS .NET Framework - Application Develop Foundation  
MCTS: MS .NET Framework 2.0 - Web-based Client Development

Scrum Alliance  
Axelos  
Microsoft  
Microsoft  
Microsoft  
Microsoft  
Microsoft

## TECHNICAL SKILLS:

- Cloud Platforms : AWS
- Testing tools : Selenium2 - WebDriver, QTP, QC, Load Runner, Vermont Hightest Plus, WinMerge, Autolt, AutoTest Complete, Ranorex, Sikuli.
- Test Frameworks : Junit, TestNG
- Test Case Management tools : Testlink, Zephyr
- Bug Tracking tools : Jira, FogBugz.
- Programming Languages : Java, C/C++, VB .NET, C# .NET, ADO .NET
- Source Control Management : SVN, GIT.
- Build Management tools : Gradle, Maven
- Continuous Integration/Deployment : Jenkins, Jenkins Pipeline
- Containerization tools : Docker

- Orchestration tools : Kubernetes
- Monitoring & Alerting tools : Prometheus, Grafana, New Relic, App Dynamics, Kibana
- Scripting languages : VB, PHP, JavaScript, Python
- Database : MySQL, SQL Server, MS Access, T-SQL, Progress.
- Web Application Development : Microsoft Office SharePoint Server 2007, ASP .NET, HTML, CSS, Dreamweaver CS5, Photoshop CS5, Flash professional.
- Technologies : NET Framework, XML, Object Oriented Programming, UML, Data Modeling (ERD)
- Development Tools : Visual Studio .Net 2008
- Operating Systems : Windows 98, 2000, Windows Server 2008 R2 , Windows XP ,Vista, Windows 7, Linux
- Web Servers : IIS 4.0/5.0/6.0, Apache
- Virtualization : VMware, Microsoft Virtual PC, Hyper V

## **WORK EXPERIENCE:**

❖ **Software Design Engineer/Test, Senior**  
(At SAP Concur, Vienna, VA)

May 2013 - Present

Design, develop and conduct automated testing, performance, and scalability tests for Concur's products and services. Develop and implement testing tools and technologies to automate testing for products and services, utilizing Selenium2-WebDriver, JUnit framework, Java, XML, SOAP UI, SQL Server and Scripting languages. Develop, implement and utilize automation tests and utilities that automate functional tests into automation harness, and unit test methodology. Prepare and maintain test and development environments for testing and consider testability through the automation of application areas when reviewing application design specifications. Execute the automation suites periodically and generate reports. Update automated test scripts to ensure accuracy. Provide timely status updates and resolution of issues, and categorize, prioritize, track, regress and report on defects utilizing bug tracking tools, including Jira.

## **Achievements:**

- Achieved/completed all goals agreed upfront 100% of times.
- Got extraordinary performance ratings all years.
- Got promoted twice in my tenure at Concur.
- Always helped teammates within the team and cross-functional teams across the globe whenever required.
- Participated in all internal and external trainings to keep myself up-to-date with current trends and brought that knowledge at work to be more efficient.

## **My Responsibilities:**

- Design and develop automated testing tools and technologies using Selenium, Java and other tests frameworks.
- Design and develop test plans, test scenarios, test cases, test reports and documentation for manual and automated tests for all major releases, patches and hotfixes.
- Test computer software, perform troubleshooting utilizing bug tracking tools, including Jira, to track and report on test status and defects.

- Design, develop, test and troubleshoot web applications and services utilizing HTML, JavaScript, SOAP UI and XML.
- Configure the clients/agencies configuration in QA environment and conduct testing on these environments to capture and fix any bugs before going into their production environment.
- Update automated test scripts to ensure accuracy.
- Update and maintain code across different branches using version control systems like SVN & GIT.
- Refresh, update and maintain QA configurations using different tools and processes.
- Use Jenkins to schedule jobs, test builds and test executions.
- Monitor the performance of several servers using Icinga tool and report issues.
- Provide technical support during software installation or configuration.
- Participate in Mentor/Mentee meetings for reviewing code, improving the automating code quality periodically.
- Participate in product design reviews to provide input on functional requirements, product designs, schedules, or potential problems.
- Perform initial debugging procedures by reviewing configuration files, logs, or code pieces to determine breakdown source using Linux commands in putty.

❖ **Software Testing Engineer**  
(At Xceed Technologies, Inc, Reston, VA)

July 2009 - April 2013

Design and conduct independent current, regression and performance testing to determine integrity and accuracy of all Xceed desktop and web products before commercial release. Work as a team member and under supervision of senior technical managers, to assist in: Preparing test plans, test scenarios, test cases, test reports and documentation for both manual and automated tests. Track and report on test status and defects using a bug tracking application. Identify and execute test approach for multiple testing responsibilities (functional, regression, etc) across multiple OS environments. Design, develop and maintain/enhance the QA automation software. Use C, VB Script, SQL in MS Access and SQL Server 2008, QTP, QC, Load runner, Vermont Hightest Plus, WinMerge, Autolt, AutoTest Complete, Ranorex, FogBugz and MapInfo.

**My Responsibilities:**

- Design and develop test plans, scenarios, scripts and procedures to determine product quality or release readiness.
- Develop testing programs that address areas such as database impacts, software scenarios, regression testing, negative testing, error or bug retests, or usability.
- Coordination and preparation of test data required for performance testing in **LoadRunner** with various run time settings to simulate peak "day in the life scenarios.
- Analyze performance results to identify performance bottlenecks in collaboration with Technical teams which include application, system, server and network admins, etc.
- Conduct software compatibility tests with programs, hardware, operating systems, or network environments.
- Design or develop automated testing tools.
- Evaluate or recommend software for testing or bug tracking.
- Document software defects using bug tracking system and report defects to software developers and product managers. Monitor bug resolution efforts and track successes.

- Create and analyze backend testing databases for each release using SQL queries in MS access and SQL Server 2008. Maintain databases of known test defects.
- Identify program deviance from standards, and suggest modifications to ensure compliance. Identify, analyze, and document problems with program function, output, online screen, or content. Install and configure recreations of software production environments to allow testing of software performance. Install, maintain, or use software testing programs.
- Investigate customer problems referred by technical support. Monitor program performance to ensure efficient and problem-free operations. Plan test schedules or strategies in accordance with project scope or delivery dates.
- Provide feedback and recommendations to developers on software usability and functionality.
- Update automated test scripts to ensure accuracy.
- Provide technical support during software installation or configuration.
- Review software documentation to ensure technical accuracy, compliance, completeness and to mitigate risks.

❖ **IT Systems Administrator/ SharePoint Developer**

November 2007- May 2009

*(At Standard Parking Corporation, George Mason University, Fairfax, VA)*

**My Responsibilities:**

- Proposed SharePoint Server implementation. Was responsible for installation, configuration, design, and maintenance.
- Actively interacted with the department heads and end users to collect the business requirements.
- Created Portal level site called Mason Parking and document management libraries with custom document Meta tags look up list fields, custom views for document libraries, and document workflow builders for each department.
- Designed & Applied corporate look & feel to SharePoint portal sites, team sites, Wiki pages, using SharePoint designer.
- Creating and maintaining user and system databases.
- Building database objects like tables, views, indexes, defaults etc.
- Managing other DBA functions like installing SQL Server, performance tuning, creating user accounts, roles, database privileges etc.
- Reduced the network failure thus maintaining 99.99 % network uptime during the online sale of parking permits for 30,000 + faculty and students in the university.

**References:** Excellent professional references available upon request.