**Naga Jyothi Tati reddy**

## Summary

* 8 years of experience in software programming in developing and testing of various software products and applications.
* Good **programming** skills in **.Net (C#).**
* Experience in creating test plans, test cases, test Procedures and test scripts.
* Experience in **Manual, API** and **Automation** testing.
* Writing **test automation** code for windows components and tools.
* Willing to find bugs early and help with giving information to developer.
* Knowledge of data base and object oriented concepts.
* Experience in Agile model development (SCRUM).
* A good team player with strong ability to lead and adapt to new technologies in a rapid phase, and makes efforts to do the work at hand effectively with high quality.
* Highly motivated with excellent interpersonal, communication skills, which will contribute towards the success of any organization.

## 

## Technical Skills:

Languages: C#.Net 3.5, C, C++

Automation Frameworks: TAURUS, MITA, MAUI, KAF automation framework, Silverlight test framework, Record and play back automation framework, Coded UI, VSTS.

Testing Tools: WTT, Product Studio, Maddog Explorer, Xperf, Source depot and Magellan.

Databases: MS SQL Server 2005

Internet Programming: ASP.NET, VB Script, Xml, Html

Operating Systems: Windows 2003 Server, Win7, Win8, Windows Vista, XP, Mac OS ,SBS 2003,SBS2011,Windows server 2008 R2

Web Servers: IIS 5.0, 6.0

Scripting: PowerShell, Java script, DOS scripting.

Browsers: IE 6, IE7, IE8, IE9, Firefox 4.0, Safari and Chrome.

Networking: TCP/IP DNS and WINS, DHCP, Domain controller SBS router setup.

Debugging and Troubleshooting: WinDBg and visual studio debugging.

ERP: SIfY ERP solutions, ABAP programming ,Dynamics CRM 2011.

## 

## Professional Experience:

**Nordstrom (Seattle WA)       02/2013 – Till date**

**#1 Nordstrom Web site Test Automation**

**Role**: Lead SDET

Description: The Shop Team develops and manages web content . Using Web content management tool Tridion. Team developed MVC models utilized by Idevs(UXdevelopers) to develop Razor views.

Feature I worked on Dressing room widget- Using WCF service implemented DR widget . Each DR is associated with Shopper id and user can add /delete items can create looks with different style items. Tested this DR WCF service.

Implemented WCM integration testing tested business logic . Written automation to validate Json responses. MOW search redirection and Request manager logic and also action filter automation. Did unit testing. Performed UI automation using Selenium.

**Responsibilities:**

* Written Test cases for Shop WebUI.and business logic WCF service.
* Automated test cases using C#.
* Running Daily automated BVTS, FVTS P0, P1,P2 test cases analyzing failures and fixing automation failures if it is test issue.
* Experienced in using TFS for code check-in , running automation, to create test cases ,automate test cases and to file bugs in QC
* Debugging using VSTS ,
* Experienced in using Fiddler tool for debugging web UI.
* Experienced in Scrum Agile methodology.
* Did browser compatibility testing
* Tested International shopping feature.
* Web Request redirection test automation.
* Written automation for Time trade book an appointment feature.
* Written automation to trace Stored proc to count web site calls to Storeproc.
* Experienced as onsite coordinator for oofshore team.

Environment**:** C#, VS 2012, TFS , ASP>NET,MVC ,,Dot Net 4.5 JSON, QC ,Selinium, QTP Jira, Fire bug, User agent ,Nunit, Sitemanager ,SQL server 2012 , Mobile devices.

**Microsoft Corporation (Redmond WA)       10/2012 – 02/2013**

### #2 PSIT -Incident Management(MSSolve) :

**Role**: Lead SDET

Description:

**Client GatewayService for EWS:**

Case 360 is one of the new generation tool as a part of the larger Engineer Work Surface initiative. Case 360, “Reviewing a Case” feature represents a connected systems experience for commercial support team members like service engineering, TAM etc. to get the information on support cases (a.k.a. service requests).Case 360 application is going pilot with existing MSSolve users. To enable the real time data in Case 360, it would require a data from Commercial Incident Management System.

### Responsibilities:

* Written Test cases for CSG service which responds to case 360 Application.
* Written WCF automation to invoke methods in CSG service and make client calls for the web methods.
* Running Daily automated BVTS, FVTS P0, P1,P2 test cases analyzing failures and fixing automation failures if it is test issue.
* Experienced in using TFS for source code access using source control, code check-in, running automation, to create test cases ,automate test cases and to file bugs.
* Debugging using VSTS .
* Participated in Bug bashes. Test pass, code coverage testing loc testing..

Environment**:** C#, VS 2012, TFS , Code Flow ,CRM 2011,Dot Net 4.5

**Microsoft Corporation (Redmond WA)       05/2012 – 10/2012**

**#3 MSN Core Platform(BedRock-Content Management Tool):**

**Role**: SDET

Description: The MSN Core Platform feature team is a trio-based feature team within MSN, which is in turn within the Online Services Division (OSD).

We build the MSN Publishing Platform, which is the foundation upon which other MSN engineering teams build and deliver MSN's sites.

* **Editorial Tools:** Bedrock Web UI is a browser-based UI to create and managed Bedrock content and sites.
* **Shuttle:** Job scheduling and execution engine used to ingest feeds from third parties and to update/move content within Bedrock.
* **Rendering :** Composition Framework and the MVC Rendering Framework: Frontend rendering and caching systems, with associated SDKs
* **Bedrock Services:** The backend content storage and services the power the MSN Publishing Platform.

I am responsible for testing Tools (WebUI) that are used to build MSN website.

**Responsibilities:**

* Written Test cases for Bedrock WebUI.
* Automated test cases using C#.
* Running Daily automated BVTS, FVTS P0, P1,P2 test cases analyzing failures and fixing automation failures if it is test issue.
* Experienced in using TFS for code check-in , running automation, for product source control ,to create test cases ,automate test cases and to file bugs.
* Debugging using VSTS
* Experienced in using Fiddler tool for debugging web UI.
* Participated in Bug bashes.

**Environment:** C#, VS 2010, TFS, HYPER –V , Code Flow ,Fiddler tool ,Win7 , IE 8 and IE 9 .

**Microsoft Corporation (Redmond WA)       02/2012 – 04/2012**

**#4 CWR Mobile CRM Application:**

**Role**: SDET

Description:

**CRM Server**: Consists of site wide and scale group components. The site wide component hosts discovery and organization web services and scale group component hosts CRM application and backend database.**CWR Middle tier**: Hosts CWR mobile configurator web pages, CWR web services that communicate to devices and CRM server, database that stores device and user management details along with important details like organization info, user and device management**CRM Client Application**: Web Client & Device Clients on supported devices: WP7, iPhone/iPad, Android and Blackberry.Features I worked on is Client User Acceptance Testing

**Responsibilities:**

* Written Test plan and test cases for Client app.
* Written end to end test cases from scratch for Setup , Sales workflow, Work place activities collaboration, Device capability, Authentication, Offline capability and Branding. Worked with purchase order Quote Oppurtunities Leads etc under sales activities.
* Also written test cases for CRM mobile configurator and customization of CRM forms views.
* Performed Client side Test pass.
* Created WTT jobs to run automations.
* Written BVT/FVT test cases.
* Trouble shooting failures using error codes and logs.
* Using PS to file bugs followed Bug life cycle.
* Semi automation to phone app using C#.
* Performed Localization, branding, Set up testing on different mobile devices.
* Ran Code coverage.
* Ran Migration scenarios.
* Performed Accessibility testing.
* Experienced in working with CRM web application.
* Experienced in working with View and Analyze Data with Visualizations and Dashboards in Microsoft Dynamics CRM.

**Environment:** C#, VS 2010, Product Studio, HYPER –V,TFS ,Microsoft Dynamics CRM 2011. Mobile environments- Windows Phone, Iphone Ipad, Andriod.

**Microsoft Corporation (Redmond WA)       05/2011 -01/2012**

### #5 Small Business Server 8 (WSSG)

### Role: SDET

Description:

This is another version of small business server. They integrated few things into SBS to make SBS 8.In this I tested Storage, Cloud backup, Storage spaces, Client backup and History Vault,

**Cloud backup**: User can register his server for Online backup and starts online backup for custom files and folders. User can restore files and folders that he backed up from the server or from the different server. User can unregister his server from online backup. Tested backup functionality and automated all backup scenarios.

**Storage and Storage spaces:** Drive extended feature is integrated into SBS8 with the help of storage spaces configuration. SBS8 Dashboard will have Folders and hard drives tab. Once user configures or OEM s preconfigures storage spaces from server manager. SBS8 users can create storage pool and extends drive using DB. User can add disk to either Server backup or Server storage from DB. Also User can remove disks which are no longer used. Also Used PowerShell commands to configure storage spaces.

**Windows Mobile Add-in for SBS8** (WP7 add-in): This Mobile Add-in is useful to connect phone device to Home server and small business server. User should be able to sign in with the user accounts created on servers and then access media which is located on server. It is helpful to share media from Phone client to server and vice versa. We used Emulator and also physical phone device to test this functionality.

**Win7 Professional pack add-in:**  This is Add-in is to implement **group policy** on win7 Clients. This is help full to manage installing updates security settings and Folder redirection.

### Responsibilities:

* Experienced in Spec Reviews, writing Test plans test cases. Performed so many Test passes, Bug Bashes.
* Created WTT jobs to run automations. Using WTT to install Home Server and SBS server and all clients.
* Ran private BVT/FVT.
* Trouble shooting WTT job failures.
* Using PS to file bugs followed Bug life cycle.
* Using Imagex for backup and restore machines
* Semi automation to phone app using C#.
* Ran Set up Add-ins tests. Performance, Localization.
* Tested OEM pre installation scenarios for both Add-ins.
* Ran Code coverage.
* Ran Migration scenarios to SBS8.
* Experienced in Code reviews.
* Written automation to storage UI.
* Performed Accessibility testing using ACC checker.

**Environment:** C#, VS 2010, Product Studio, WTT, PS, ASI, ODE, HYPER –V, Ws2008, Win7,Win8 metro UI, Vista,Xp, NTFS File server system Storage spaces Windows server 2008 R2,VSTS 2010,Fiddler tool .

**Microsoft Corporation (Redmond WA)       04/2009 – 4/2011**

**#6 Home and Small Business Server (WSSG)**

**Roles**: SDET

Description:

This Project is with windows server solutions group(WSSG). Colorado is the code name for Home and small business server (HSBS). We test Home server and Small business server. Home server is for home users up to 15 users can join their Home computers called clients to the Home server and small business is for Business purpose up to 25 users can join their computers called clients to the Small Business server. Administrator would be able to maintain clients and server. These servers are useful in different purposes like to centralize data and to share resources like shared folders media to limited users to do backup and restore data etc. The key features are 1) Back Up and Restore 2) Centralized storage 3) Remote access 4) Multi –Pc management 5) Media scenarios

**My features that I tested here are:**

Server deployment (WINPE, POI, IC, headed setup, headless set up ,Activation, Branding, OEM (Dell Hp etc logos and brand names and help links will be preconfigured on server at different locations), Migration, Media Verification),

**Identity**: Machine Identity, User Identity. Creating user verifying user’s info and validating them, also worked with Active directory to manage users on sbs.

On top of it also tested Admin console UI(Dashboard), SQM Logging, System Health Alerts, Client deployment, Server backup, Home group ,Media, RWW Provider framework ,NAS(storage server),Launchpad testing, Multilanguage Server testing.

**Responsibilities**:

* Experienced in writing Test plans test cases. Performed so many Test passes, Bug Bashes.
* Experienced in Provider frame work performance testing, Boot performance using Xperf tool.
* Using Imagex for backup and restore machines.
* Using ASI to install safe OS.
* Created WTT jobs .Using WTT to install home and sbs server and all clients.
* Trouble shooting WTT job failures.
* Using PS to file bugs followed Bug life cycle.
* Developed XperfXml Analyzer tool.
* Notification provider tool to execute manual test cases.
* Executed manual test cases & automation for every new build.
* Taken ownership of stress testing in setting up the machines (includes KD), running the stress for every new build and monitoring the results.
* Good at Debugging failures using Windbg by analyzing dump files.
* Experienced in Using Hyper-v manager using virtual machines.
* Experienced in using ROQ and DMS tool release management uploads and verifications.
* Running Private builds, BVTS.
* Experienced in code checkin tool Source depot.
* Experienced in writing and using DOS scripting
* Experienced in using Power shell scripting
* Experienced in using FSCT server perf tests for servers.
* Experience in Code coverage using Magellan tool.
* Tested Headed and headless installation of Home server and small business server.
* Executed OEM customization testing,OEM branding tests.
* Performed Media Verification testing
* Carried out Product keys and Activation testing. Executed Time bomb scenarios.
* Performed Domain join scenarios testing in NAS(storage server)
* Executed Migration SBS 2003 and SBS2011 scenarios.
* Experienced in using Active Directory, SMB shared folders, mmc certificate manager,IIS Manager,
* Involved in RWW testing, Media streaming uploading pictures and media to RWW site and downloading and streaming.
* Performed few scenarios in different Network topologies like open DNS and DTAP.
* Performed localization testing on 19 languages.
* Experienced in Multilanguage scenario testing.
* Performed browser compatibility testing using headless set up.
* Performed accessibly testing in server set up and Identity. Also experienced in using Acc checker tool.
* Have knowledge in running fuzz testing.
* Performed sanity testing, smoke testing.
* Web services testing in provider framework feature.
* Experienced in Unattended installation using config file.
* Written Test plan for Activation testing, Multi language server set up.

**Test Automation:**

**XperfXML Analyzer:**

Written in writing automation XperfXML Analyzer tool. This tool is help full to read xml files data and to analyze the performance statistics of required services.

Xperf tool generates etl and xml files. To convert xml data into user understandable format I used this tool.Xperf tool abstracts boot and shutdown sleep and hibernate traces and generate etl trace files.

**ICAutomation:**

Written Initial configuration UI automation headed and headless using different browsers like IE,firefox, safari and chrome.Very good at using KAF automation test tool.

**Identity UI Automation:**

Written in Identity UI automation to add users, delete users, modify users using user account properties UI, changing user password and password policy. Very good at using MITA, MAUI automation test tools.

**Environment:** Vista, C#, VS 2005, Product Studio, WTT, PS, Xperf, ASI, ODE, HYPER –V, ROQ.DMS, RSM, Fiddler,FSCT.

**Microsoft Corporation 09/2008 – 3/2009**

**#6 WCF Red (Windows Communication Foundation):**

**Roles**: SDET

Description:

Indigo was the code name for WCF.WCF is one of the .Net 3.0 features. WCF is Service Oriented Architecture (SOA).It is useful to build interoperable service oriented applications. The ABCs in WCF are Address, Bindings, Contract and End Point;

Address makes an endpoint uniquely addressable. Bindings determine ‘how’ an endpoint is

Accessible. Contracts describe the external view of a service. • Contracts are exposed through WSDL and XSD. End point will be published using Metadata(XSD,WSDL policy)WCF is a unification of .Net framework communication technologies. It is a unification technology, which unites the following technologies

* .Net remoting
* MSMQ
* Web Services
* COM+

**Responsibilities:**

* Performed Set up testing. Automated set up using wtt.
* Performed Compatibility testing
* Performed stress testing. On lab machines.
* Good at triaging stress failures and debugging WinDbg.
* Creating WCF\_Red Maddog runs and scheduling them using WTT.
* Running QFE and patch servicing runs.
* Re-imagining the machines with UIP.
* Re-imagining the machines with ODE to install the Win 7 OS, XP, and Vista.
* Troubleshooting the broken machines.

**Environment:** Vista, C#, VS 2005, Product Studio, WTT, PS

**Microsoft Corporation** **11/2007 – 08/2008**

**#8 Microsoft Silverlight**

**Role**: SDET

Description:

Microsoft Silverlight is a cross-browser; cross-platform plug-in for delivering the next generation of .NET based media experiences and rich interactive applications for the Web. Silverlight offers a flexible programming model that supports AJAX, VB, C#, Python, and Ruby, and integrates with existing Web applications. Silverlight supports fast, cost-effective delivery of high-quality video to all major browsers running on Mac OS or Windows.

 **Responsibilities:**

* Written the test cases for web client in C# using VS 2008.
* Performed testing on different browsers both on Windows and Mac OS for the following components Uri, Sockets and Web client.
* Prepared the test report for every tested build as whether it is component issue/test case issue
* If any bugs found, then logging in Product Studio.
* Attended regular meetings.
* Created, modified, and executed appropriate batch files for manual test passes.
* Used Maddog Explorer on a daily basis to manage, setup, and test environments

**Environment:** Vista, C#, VS 2008, Product Studio, WTT, PS.

**Microsoft Corporation** **02/2007 – 10/2007**

**#9 DNS and WINS UI Test Automation**

**Role**: SDET

Description:

DNS and WINS Tab UI test automation project is part of the Windows Networking and Devices group. DNS and WINS Setting Tab is the control panel feature that is used to specify DNS server & WINS server addresses. It is per-connection. It is available (for each network connection) from the Internet Protocol (TCP/IP) Properties dialog. (There are two TCP/IP properties entries per connection on Longhorn – one for IPv4 and one for IPv6). The main module involved here is the development of model and test automation code. The automation code developed in C# for easy and faster implementation and compatibility with the existing UI automations. The Window Test Technologies is used for maintaining, logging and for running the test cases. The changes made in the UI are cross verified through reopening the dialog, through netsh commands and through registry.

 **Responsibilities:**

* Responsible in writing the test plan
* Responsible in the design, development and implementation of the product.
* Responsible for writing the test code.
* Responsible for testing the test cases in both x86, x64 builds both in English and Non-English builds.
* Coordinate my work with onsite team.
* Coordinate my work with Client.
* Analyze test passes.
* Unit testing

**Microsoft Corporation** **06/2006 - 01/2007**

**#10 EAP UI Client Configuration Test Automation**

**Role**: **SDET**

The scope of this project involves development of test automation for EAP client configuration UI component present on Windows Vista and Longhorn Server SKUs. The EAP methods can be configured for wired connection, Wireless profile, and VPN connection

**Responsibilities:**

* Responsible in writing the test plan
* Responsible in the design, development and implementation of the product.
* Responsible for writing the test code.
* Implemented localization for the written test cases.
* Responsible for testing the test cases in both x86, x64 builds both in English and Non-English builds.
* Coordinate my work with onsite team.
* Coordinate my work with Client.
* Analyze test passes.
* Unit testing

**Microsoft Corporation** **11/2005 – 05/2006**

**#11 Binding Engine UI Test Automation**

**Role**: **SDET**

Description:

This is a Console application to test the binding engine. Windows device installation\setup subsystem provides the infrastructure for installing various classes of devices. There are two phases to install any class of devices. Phase I of network device installation is executed by the Network Class Installer. Phase II is performed by the binding engine. INetCfg API is a set of COM interfaces through which class installer\binding engine functionality is accessed. An installer application can use these interfaces to install networking components

**Role**: **SDET**

**Responsibilities:**

* Responsible in estimation of the project.
* Responsible in writing the test plan
* Responsible in the design, development and implementation of the product.
* Responsible to build MDE model
* Responsible for writing the test code.
* Implemented localization for the written test cases.
* Responsible for testing the test cases in both x86, x64 builds both in English and Non-English builds.
* Coordinate my work with onsite team.
* Analyze test passes.
* Unit testing

**Microsoft Corporation 07/2005- 10/2005**

**#12 UNIMODEM UI Test Automation**

**Role**: **SDET**

Description:

“Telephon.cpl” is a Windows control panel console from which we can manage the connections and provides all the information about various modems that are connected to the system. The major part of the this project is to automate the entire UI controls present in ‘modems’ tab UI such as,

1. ‘Add’ button – Add multiple types of modems say PC Card modem, Software modem, USB Modem, ISDN Modem
2. ‘Remove’ button – Remove selected modem
3. ‘Properties’ button – Automate all the properties which is shown in properties page say (General tab, Modem tab, Diagnostics tab, Advanced tab.)

**Responsibilities:**

* Prepared Test plans and Test cases
* Well documented the test steps and test results
* Automated the test cases using C# .Net along with MITA classes.
* All test cases are executed using WTT automation framework
* Logged the bugs in the Microsoft Product Studio.

**#****13 India Cements Fertilizers Limited (Academic)** **12/2004 – 04/2005**

**Role: Developer**

Description:

This is a windows desktop application developed in VB.Net and SQL Server 2000 has been used for backend database. This project is designed to bring out a more effective, easier, faster and transparent administration of employment training services to the organization. India Cements Limited lets user to keep track of various details of employees, departments and training needs of the employee in organization. This includes effective reports generation on employee attendance details, external faculty details, and department details. This software is divided into three modules 1) Master Module 2) Transactions Module 3) Reports Module.

**Responsibilities:**

* Development of in front-end designing
* Development of Master and Transitions Module.
* Development of Reports

**Education**

 **B.Sc** (Computer Science) from Sri Venkateswara University, Andhra Pradesh, India

MBA from Sri Venkateswara University, Andhra Pradesh, India \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_