**Mekala Krishna Vishwaa**

QA Automation and Manual Testing

CirrusLabs

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**Professional Summary:**

* Over 6+ years of experience in Software Test Engineer with expertise in Automation (Tosca, Selenium and API) and Manual testing
* Having 3 years of experience in Test Automation using Trecentist TOSCA tool.
* Extensive experience in preparing TOSCA Test Scripts and Test Cases for Automated testing for Web Applications and Client-Server Applications.
* Developed Regression suits and Sanity Scripts using TOSCA Automation Tool
* Created Reusable Test Blocks for frequently used functionalities and Implemented TCD approach in TOSCA Automation Tool
* Execution of test scripts using Execution lists in TOSCA Automation Tool
* Expertise in Test Case Management and Test Case Review
* Experience in design of Automation Framework like BDD, Keyword Driven, Data Driven and Hybrid Framework
* Experience in Agile -Scrum methodology and Other SDLC
* Expertise in Java OOPs, Selenium Web Driver using TestNG.
* Experience in Test Management Tools like Bugzilla, Jira, and ALM
* Certified in NCFM (NSE's Certification in Financial Markets (India)) beginner module.
* Having valid **B1** Visa (Valid until 2024).
* Strong interpersonal communication skills along with a professional attitude and Confidence to meet demands of the industry.

# Technical Skills

**Operating Systems :** Windows 10, 7, 95, 98, 2000, NT, XP

**Programming Languages :** Java, JavaScript, Vbscript, Typescript

**Testing Tools :** Tricentis TOSCA Automation, Selenium, QTP, Quality Center, Bugzilla, Jira, VSTS and Postman, Jira.

Rest Assured automation

**Databases :** Oracle 8i, SQL Server

**GUI :** Visual Basic, Eclipse , IntelliJ, Visual Studio

# Professional Experience

Working as Test Analyst for Cirruslabs, Hyderabad from Apr 2022 to till date.

Worked as contract (BCT) employee to Infosys as Test Lead, Hyderabad from June 2021 to March 2022

Worked as contract (Teamlease) employee to Wipro as Senior QA Lead Engineer, Hyderabad from December 2020 to May 2021.

Worked as Senior Testing Engineer for Hydus an Xtivia company, Hyderabad from May 2017 to November 2020

# Education

**M.Sc (Computer Science)**

**Osmania University, Hyderabad** **1997 - 2000**

# Certifications

NCFM (NSE's Certification in Financial Markets (India)) **2006**

Completed Tosca certification (AS1 and AS2)

# Visa

**US B1** visa valid from 13-August-2014 to 11-August-2024

# Awards

I got **the POB** (Pat on Back) award for best contribution in the projects.

**Projects Profile**

# Suits

Cirruslabs **Apr 2022 – April 2023**

## Description

The suits mobile application is useful when a person is in a medical emergency. He can raise alarm to the following family members by using Suits app in medical emergency. This product has capabilities to book appointments (Online/Offline) with Drs when required. He can also purchase prescribed medicines online and pay the amount online.

**Roles**

* Understanding the use stories and designing functional and integration Test Scenario’s.
* Developed and Reviewed Test Cases in TOSCA
* Automate Regression Test cases using TOSCA and executed it using scheduler.
* Report sharing with Client as well with internal team for tracking.
* Writing Test Cases and Requirements in TOSCA.
* Synchronization and maintenance of modules and scripts using TOSCA if any changes in application.
* Execute Test cases and record associated results in TOSCA.
* Verified the data in Database using DB engine.
* Worked on Excel and Pdf using (Data provided via excel and compared pdf after download).
* Involved in Scrum meetings, Daily Status meetings.
* Created Reusable blocks and designed libraries for Test scripts.
* Presenting weekly demo of created scripts and running regression for every sprint after development is done.
* Involved in sprint planning, standups, and all agile process.
* Client interaction as direct point of contact.
* Worked on API Testing using TOSCA Tool and designing Test cases for it.
* Estimate the automation testing requirements
* Identify the test cases which needs to be automated
* Develop the scripts for identified test cases
* Integrate the scripts with framework
* Stabilize all the developed scripts

**Tools Used:** Tricenties TOSCA Automation

**O/s** : Windows 11

# LifeBrand

Cirruslabs  **Apr 2021 – Mar 2022**

## Description

Create the world’s most advanced Social Media Intelligence (SMI) to protect consumers and corporations on the potential damage that their digital footprint can cause, detect damaging content from their past and prevent future missteps. We are the World Leader in Social Media Education, Detection and Prevention with the only fully FCRA and EEOC compliant technology for social media screening that also completely eliminates human bias.

**Roles**

* Understanding the use stories and designing functional and integration Test Scenarios.
* Automate all functional & Regression Test cases using TOSCA.
* Executed Functional & Regression Test cases using TOSCA Executor and reporting defects in ALM.
* Created Modules using TOSCA Wizard, Test Cases and Requirements in TOSCA.
* Synchronization of modules using TOSCA Wizard if any changes in application.
* Writing TQLs(Tosca Query Language) for different tasks
* Execute Test cases and record associated results in TOSCA.
* Verified the data in Database using DB engine and stored the details in Excel file using Excel Engine.
* Verified the content in PDF using TOSCA PDF engine.
* Involved in Scrum meetings, Daily Status meetings.
* Sending the daily/weekly report of the status to TL.

**Tools Used:** Tricentis TOSCA Automation

O/s : Windows 11

# United Airlines

Infosys company  **Jun 2021 – March 2022**

## Description

We are working on migration to cloud computing. Where we need to ensure latest changes made in on prim and cloud should not break any functionality of the functions.

We have different modules of the flight booking until the customer gets PNRs generated.

**Roles**

* Understanding the functional specifications of the application.
* Testing on various modules.
* Writing Test Cases and Requirements in TOSCA.
* Handled modules in the project single handedly and made the application stable by maximum issues at early stages of testing.
* Prepared Test Reports and submitted the bug findings to the Jira.
* Preparing Test cases, reviewing the Test cases and executing those Test cases.
* Communicating with team members across the locations.
* Database Validation to check the updated data in the Database.
* Test case writing according to the listed business functional requirements.
* Executed functional, system, retesting and regression testing.
* Involved in defect tracking and reporting.
* Design & create test data for test execution phase.
* Attend kick-off and bug resolution meetings with development team.
* Involved in test case reviews, document review and peer review.
* Participated in Documentation and different process related activities.
* Mobile and tablet device testing.
* Interacted with developers, Business & Management Teams and End Users.
* Involved in writing and implementation of the various Test cases and Test scripts.

**Tools Used:** Tricenties TOSCA Automation

O/s : Windows 11

# Black and Veatch

Wipro company  **Dec 2020 – May 2021**

## Description

Develop a custom, cloud hosted Enterprise solution that allows a centralized location for Engineering projects to be set up, assign tasks to resources, track inputs and outputs, allow collaboration, roll up progress and allow current and historical reporting.

**Roles**

* Understanding the functional specifications of the application.
* Testing on various modules.
* Writing Test Cases and Requirements in TOSCA.
* Handled modules in the project single handedly and made the application stable by maximum issues at early stages of testing.
* Good Experience on mobile app testing (iOS and Android OS platforms)
* Developed SQL queries to extract data from the source tables.
* Involved in cross browsing testing of the application on various browsers to ensure it functions.
* Prepared Test Reports and submitted the bug findings to the Jira, Mantis BT Bug tracking system.
* Preparing Test cases, reviewing the Test cases and executing those Test cases.
* Communicating with team members across the locations.
* Database Validation to check the updated data in the Database.
* Test case writing according to the listed business functional requirements.
* Executed functional, system, retesting and regression testing.
* Involved in defect tracking and reporting.
* Design & create test data for test execution phase.
* Attend kick-off and bug resolution meetings with development team.
* Involved in test case reviews, document review and peer review.
* Participated in Documentation and different process related activities.
* Mobile and tablet device testing.
* Interacted with developers, Business & Management Teams and End Users.

Involved in writing and implementation of the various Test cases and Test scripts

**Tools Used:** Tricenties TOSCA Automation

O/s : Windows 11

# UJA(United Jewish Apple)

Xtivia company **Dec 2019 – Nov 2020**

## Description

A Grantee profile data will require approval once he saves the Grantee Profile workflow for approval. Workflow is a simple one approver. The content of the workflow will be changed data for the Grantee Profile that will be manually entered into the Grants application by the approver

**Roles**

* Understanding the requirements and planning for the estimations and developing the test cases.
* Review of the test cases at peer level
* Managing the Testing Team and assigning task daily to team members
* For understanding the business functionality, setting up meeting with developers and BA’s
* Creating a traceability matrix. Updating the test cases with the new functionality of application
* Developing the Selenium scripts and executing the test scripts in Smoke and Regression testing
* API automation using Rest assured.
* Developed Cypress automation scripts few of the scenarios.
* Updating the status reports to the client on daily basis by sending the mails.
* Weekly statuses call updating the status about the project to onshore manager.

**Tools Used:** Selenium with Java, Rest Assured API automation, Git, Jenkins and Maven O/s : Windows 10

# Spire Project

Xtivia company  **May 2017 – Dec 2019**

## Description

Official Payments is a leading provider of electronic payment solutions for the IRS, states, municipalities, colleges and universities nationwide. So give yourself the benefits of Official Payments and consider your payment Officially Paid.

Roles

* Understanding the requirements and planning for the estimations and developing the test scripts.
* Review of the test cases at peer level and preparation of test reports.
* Managing the Testing Team and assigning task daily to team members
* For understanding the business functionality, setting up meeting with developers
* Creating a traceability matrix. Updating the test cases with the new functionality of application
* Developing the Selenium scripts and executing the test scripts in Smoke and Regression testing
* Updating the status reports to the client on daily basis by sending the mails.
* Weekly statuses call updating the status about the project to onshore manager. • Supporting in production environment and give a product sign-off

**Tools Used:** Jira, Selenium with Java, Git and Maven, Jira and API automation O/s : Windows 10

O/s : Windows 11

**Name**: M K Vishwa Prasad **Place**: Hyderabad