Swarup Mishra

Test Automation Lead/Architect

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Resume Highlights

- **16 years** of experience as a Software Test Professional in Automation and Manual testing
- Currently working as a Test Automation Lead at IAG, New Zealand
- Previously working as a Test Manager for Westpac's Lending Application testing(Microsoft D365 application)
- Expertise in implementing Test Automation Framework for Microsoft Dynamics 365(CRM) applications, using C#, Selenium and Easy Repro
- Demonstrated solutions for Shift-Left in agile testing and test automation for Agile projects
- Expertise in implementing QA processes & methodologies for new and existing QA Projects.
- Experience creating Test Strategy, test plan and scoping to deliver top quality product
- Design/blueprint, development and implementation of test automation frameworks for Web Applications using open source tools e.g. Selenium with JAVA, C#, Ruby
- Experience in API(REST API) testing and Automation using RestSharp, Rest Assured & Postman
- Expertise working with modern automation tools and frameworks e.g. Playwright, Cypress using Typescript and fluent BDD.
- Expertise in Mobile Apps Test Automation using Appium, Perfecto Mobile & See Test
- Designed and implemented advanced Test Automation frameworks depending on project need e.g. TDD and BDD (Cucumber, SpecFlow,Serenity),Hybrid,data-driven, Keyword Driven, Modular Frameworks etc
- **Dev-Ops** implementation and CI/CD using Jenkins, Azure Dev-ops, Docker & Selenoid/Moon
- Demonstrated solid experience in participating in various Proposals and Proof of Concepts
- Involved in hiring and mentoring quality engineers and setting up teams for new and existing engagements
- Excellent Leadership, Mentoring, Coaching & Team management skills
- Expertise in Investment Banking (Asset Management and Market Risk), Consumer Banking(Lending, Cards etc) and insurance domain.

Employment History

- Test Automation Lead at IAG,New Zealand from January 2023 to till date.
- Chapter Lead Quality Engineering at Westpac, Wellington, New Zealand from March 21 to January 2023.
- Lead Consultant at Infosys, Wellington, New Zealand from May 18 to March 21.
- Test Automation Architect at Value Momentum, Hyderabad from Mar 17 to May 18.
- Senior Test Automation Lead at DBS, Hyderabad from May 16 to Mar 17.
- Test Automation Architect at Cigniti Technologies, Hyderabad from Feb 15 to May 16.
- Associate Test Lead at Blackrock Solutions India Pvt Ltd, Gurgaon from Feb 13 to Feb 2015.
- Associate Test Lead at Royal Bank of Scotland, Gurgaon from Dec 10 to Feb 13.
- Automation Test Lead Aristocrat Technologies (CMMI level 5), Noida from Jan 10 to Dec 10.
- Automation Test Engineer in Wipro Technologies (CMMI level 5), Delhi NCR from Nov 08 to Jan 10.
- IT Consultant in LogicaCMG (CMMI level 5), Bangalore from Jul 06 to Nov 08.

Tools & Technologies

- Test Automation Tools - Selenium (Web Driver, GRID, IDE), Appium (iOS, Android), UFT/QTP, See Test, Perfecto Mobile, JMeter, Test Complete, LISA
- Automation Frameworks - Test Driven Development (TDD), Behavior Driven Development (BDD), Page Object Model (POM), Hybrid Framework, Modular Framework, Keyword Driven Framework
- Programming Languages - Java, C#, VB script, Shell Script, SQL
- Dev-Ops, CI/CD Tools - Jenkins/Hudson, Microsoft Azure, TFS, Docker, Selenoid & Moon, Maven, Gradle, TestNG / JUnit / NUnit, SVN and CVS, Git,Bitbucket, Bamboo
- Test Management Tools - ALM/QC , Test Frame, TD,JIRA, Go-JIRA
- Domain/Expertise - Investment Banking, Retail Banking(Lending, Cards etc), Insurance, MS Dynamics 365, Guidewire

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Project Details

Westpac New Zealand Ltd, Wellington, NZ
Chapter Lead Quality Engineering, Nov, 2018 – Till date
Project - CRM - MS Dynamics 365 - Lending

Westpac is a prestigious bank in Australia & New Zealand. The current project is to Test and Automate Westpac's Lending Application used by internal users,e.g. Relationship Managers, Credit Managers etc. This application is built on Microsoft CRM Dynamics 365 as the front end integrated with several third party systems including IBM mainframe system.

Roles:
- Working as a Chapter Lead / Technical manager in current project
- Executed Test Plan and Automation plan for microsoft Dynamics 365 applications automation
- Designed and implemented Test Automation Framework using C#, Selenium webDriver,Specflow(BDD) & Microsoft EasyRepro(Microsoft's Test Automation framework for CRM front end)
- Integration of automation framework with DevOps (TFS/NUnit/MSBuild) and Continuous Integration(Azure Pipeline) toolsets
- Implemented Solenoid & later Moon(advanced solenoid environment) to facilitate effective test execution
- Responsible for Goal setting and motivation for reporting resources. Provided time to time feedback and improvement ideas for resources which helped them to achieve their goals.
- Hiring and mentoring quality engineers for the team

Infosys Ltd, Hyderabad, India
Lead Consultant, May, 2018 – Nov, 2018
Project – Apple Inc, CA, USA

Apple Inc. is an American multinational technology company headquartered in Cupertino, California, that designs, develops, and sells consumer electronics, computer software, and online services. The current project is to Test and Automate GSX applications designed for Apple authorized service centers across the USA.

Roles:
- Worked as a Lead consultant for the test automation assignment
- Developed test automation roadmap
- Designed and implemented solution to automate high business critical applications and web services using Behavior Driven Framework
- Identify and recommend tools for web and mobile automation for Apple's GSX application
- Designed Pixel-to-Pixel comparison framework for web and mobile Visual Validation testing on desktop and mobile UI
- Identified and implemented end to end integration of automation framework with DevOps System and Continuous Integration(Jenkins) tools

Value Momentum, Hyderabad, India
Automation Architect, March, 2017 – May 2018
Project: Claims (GUIDEWIRE), GEICO Insurance

GEICO is a key account for Value Momentum. The project was to use Guidewire products to automate a new implementation of Claims module.I was working as a test automation architect in the current project.

Roles:
- Designed and implemented Test Automation Framework using Selenium webDriver with C#
- Implemented mobile automation using Appium and C#
- Developed a dynamic keyword driven framework for client analysts
- *Integrated with DevOps (TFS/NUnit/MS Build) System and Continuous Integration(Jenkins) tools*

DBS Bank, Hyderabad, India, Senior Test Lead,
May, 2016 – March, 2017
Project: Web and Mobile Retail Application

DBS Bank has a suite of Retail Banking applications for both Internet and Mobile Banking. Various functionalities need to be tested across different regions.

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Roles:
- As a test automation lead for automating and service virtualization tool for various applications
- Conducted web and mobile automation workshops for project stakeholders
- Development of test automation framework using Selenium and Perfecto Mobile.
- Maintenance of existing automation suite using UFT and See Test.
- Implemented end to end integration of automation framework with DevOps (TestNG, Maven, Git, Bitbucket) eco-system and Continuous Integration(Jenkins) tools

Cigniti Technologies, Hyderabad, India,
Test Automation Architect, Feb, 2015 – May, 2016
Project: Trader Joes (Retail)

Trader Joes has Retail Stores across California, US. They have web applications for warehouse and store order management.
Roles:
- Worked as a test automation architect for the client
- Designed and implemented an Automation framework using Selenium Web driver for web applications and handed it over to the project team for creating functional test scripts. Designed scripts in JAVA integrated with TestNG, Maven, Selenium Grid and Jenkins.
- Set-up Jenkins Test Lab for CI integration.
- Used Appium & Selenium Webdriver to demonstrate a POC for mobile automation.

BlackRock Solutions India Pvt Ltd, Gurgaon, India, QA Lead, Feb, 2013 – Feb, 2015
Project: Core Web Platform (Retail & iShares)

Core Web Platform is a common framework designed for Blackrock's retail web applications for a common Content Management System and managing Mutual fund and ETF information. This common platform provides customers a unique display to all Blackrock's products, e.g. Mutual Funds, Exchange Traded Funds (ETF), Global Literature Service(GLS) etc.

Roles:
- Working as a test lead and responsible for managing other three QA resources.
- Creating test strategy, preparing test plan, automation plan and automation roadmap.
- Designed and implemented a keyword driven test automation framework using QTP from scratch.
- Designed and implemented an Automation framework using Selenium Web driver for web applications and handed it over to the project team for creating functional test scripts.
- Implemented a structured test management system through Quality Center and leveraged across other teams.

The Royal Bank of Scotland, Gurgaon, India
Test Lead, Dec 2010 to Feb 2013
Project: FOREST (Market Risk Stress Testing)

FOREST – Front Office Revaluation Stress Testing is a market risk stress testing framework developed by RBS. FOREST GUI facilitates users to define some user scenarios by which he perturbs the current market data. These scenarios are associated with books sent to the Front-Office system for revaluation. Front office system calculates P&L value depending upon the perturbed data.
Roles:
- Worked as a Test Lead. Development of testing processes and test management systems from scratch.
- Worked as a Test Automation Lead. Developed Automation framework using QTP from scratch.
- Implemented a hybrid automation framework in FOREST using QTP.
- Written SQL queries for database testing. Used QTP to automate database test cases.
- Implemented JIRA for defect management. Defined defect management process across the team.

Aristocrat Technologies, Noida, India
Senior Automation Test Engineer, Jan 2010 to Dec 2010
Project: OASIS

Aristocrat Technologies Pvt Ltd (Head Office: Sydney, Australia and LasVegas, USA) is a games development company for EGMs in casinos. OSS Systems consists of number of back office applications that manage the EGMs running in these casinos. These applications include three major DOT NET applications e.g., Bonus Point, Marketing Manager and OSS Admin.

- Worked as an automation team leader for a team of 3 members.
- Designed a high level test strategy and low level test plan for a new project. Worked in Agile methodology.
- Used QTP 11.0 to design Test Automation Framework for a .NET application.
- Implemented automation in several areas e.g. functional test cases, database test cases, regression test suite, smoke test suite etc.

Wipro Technologies, Greater Noida, India
Senior Software Engineer, Nov, 2008 – Jan, 2010
Project: Motorola Public Safety Application

Premier One System is a combination of two applications to manage the Unit Dispatch and control of various critical Units like Police, Fire and Medical and help them in solving problems fast and effectively. It has two major applications, CAD- Computer Aided Dispatch and Mobile.

- Implemented functional test automation suite using QTP integrated to QC (BPT).
- Created and executed functional test cases and logged defects in QC.
- Worked in Agile methodology.

Logica Pvt Ltd, Bangalore, India,
Test Engineer, July, 2006 – Nov,2008
Project: AEGON Bank Application

ABA is a web-based back office application for AEGON Bank employees. ABA deals with creation of financial products for retail investors. At a higher level the application deals mainly with parties (individual and corporate), Commercial Products and Contracts. It has around 30 modules like Products, Commercial Products, Contracts, Corporate Agreement, interest and benefits, Liens, Party, Direct debits.

- Automated XML services and .NET GUI using QTP and VB scripting.
- Designed an action-word driven framework using QTP and test frame.
- Designed a complete automated regression suite that gives maximum coverage.
- Designed and executed manual test cases using test frame

Education

- B.Tech in Electronics and Communication Engineering in 2006 from JITM, Orissa, India with 81%
- High School from SKCG, Orissa, 2000 with 82%

Personal Details

Date of Birth: 21 April, 1983
Marital Status: Married
Current Location: Wellington, New Zealand
VISA Status: New Zealand Resident