

SOFTWARE TESTING | PROJECT MANAGEMENT

Location Preference – Chennai



Executive Profile

- ▶ **Goal-oriented professional** with **over 5 years** of experience in **Software Testing, SDLC, Defect Management** and **Client Relationship Management**
- ▶ **Domain Expertise:** Banking, Financial and Retail
- ▶ **Project Execution Expert:** led the project execution and management in tune with the core business objectives; reviewed functional requirements and translated them into technical specifications
- ▶ Successfully **executed several projects** such as TTS, WCS Decommission, BMW FS, Italy and ACOL (Access Online)
- ▶ Hands-on experience in **Java Programming** and **BDD Serenity Framework**
- ▶ Excelled at **automating web application testing** using Selenium Web Driver with TestNG framework
- ▶ Breadth of **technical expertise entails** Data-driven Testing, Behavior-driven Development, Cross-browser Testing and Parallel Test Execution using **Selenium Grid**
- ▶ Efficient in managing **manual test process** including Test Planning, Test Estimation, Test Analysis, Design & Implementation, Test Execution and Defect Identification & Logging
- ▶ Expertise in implementation of **automation framework** using Selenium and UFT
- ▶ Adhered to **high coding standard** by reducing complexity, duplication & potential bugs in code, thereby achieved **75%** of clearance from **sonarQube**
- ▶ Recognized for creating **bulk test data** for various environment based on the clients requirement
- ▶ Participated in various phases of **SDLC & STLC** right from requirement analysis, effort estimation, testing, implementation & deployment to production support
- ▶ Experienced in contributing actively throughout the **development phase** by tracking technical issues and solving problems
- ▶ **Strong communication, collaboration & team building skills** with proficiency in grasping new technical concepts and utilizing them in a productive manner



Key Impact Areas

Software / Automation Testing

Requirement Gathering & Analysis

Project Management & Execution

Defect Management

SDLC / STLC

Quality Assurance

Process Optimization

Client Relationship Management

Team Management



Soft Skills

Analytical

Communicator

Innovator



Education & Credentials

- ▶ **Master of Technology in VLSI** from Sathyabama University, Chennai, Tamil Nadu in 2012
- ▶ **Bachelor of Engineering in ECE** from Sastha Institute of Engineering & Technology under Anna University, Chennai, Tamil Nadu in 2009



Timeline





Organizational Experience

Since Mar'13: Cognizant Technology Solutions

~Assignments & Deputations:

Mar'13 – Sep'15 **Java Developer**, Pune
Sep'15 – Present **Automation Tester**, Chennai

Role:

~As **Automation Tester**:

- Following the project life cycle methodology defined under the process framework; ensuring that deadlines are met
- Monitoring the resources for ensuring timely project completion; ensuring adherence to quality standards through participating in the software development stages
- Managing requirements gathering, collation of project functional & technical requirements; following up with clients throughout the project lifecycle to ensure full understanding of needs and concerns
- Driving the centralization of Quality Assurance (QA) services & tools; establishing specialist practices in test automation and performance testing by instituting standard frameworks in line with industry best practices
- Establishing and enforcing standard test processes & deliverables (including defect management and quality metric reporting) within the gated process to streamline testing and support automation and manual testing efforts
- Gathering & analyzing data in support of business cases, writing test plans & scripts for tracking defects & fixes in product development, application development, information systems, and operations systems
- Performing gap analysis to ensure that business requirements and functional specifications are tested and fulfilled; generating Functional Test Defect / Review Reports
- Verifying change requests and defects; documenting, tracking and communicating test plans, test results and unresolved problems; updating Error Log / Suggestion Log and explaining system bugs to programmers

~As **Java Developer**:

- Analyzed user needs & software requirements for determining feasibility of design within time & cost constraints; consulted with customers/clients about software system design & maintenance
- Identified defects, questionable functions, errors & inconsistencies in software program functions, outputs, online screens & content for the betterment of the development process
- Interacted with team members for ensuring smooth progress of project work; ensured adherence to quality norms throughout the implementation process

Highlights:

- Monitored test runs, addressed and fixed interruptions and failures
- Delivered high quality testing results for full system tests of software releases, within tight schedules & a resource crunch
- Enhanced the application efficiency by debugging / revamping code / program
- Credit of developing test tools and automation to be used in testing



Technical Skills

- Programming Languages:** Java/J2EE
- Databases:** Oracle and MySQL
- WebServices:** REST and SOAP Webservice
- Automated Framework:** UFT and Selenium
- Test Management Tools:** ALM /Quality Centre, Test Rail and JIRA
- Web Technologies:** HTML, JavaScript and XML
- Web, Application Servers:** Apache Tomcat, IBM Web Logic and AWS
- MS Office Suite:** Word, Excel, Outlook Express and PowerPoint



Personal Details

Date of Birth: 07th July 1988
Languages Known: English, Tamil, Telugu and Hindi

~Refer to the **Annexure for Projects**:

Annexure

Projects

Title: TTS – Web based Banking Product
Client: BB&T (Branch Bank & Trust)
Role: Automation Tester
Tools Used: UFT and Selenium Webdriver
Testing Approach: Automation
Description: The project was standalone application and web-based application for mortgage and lending loan process.

Responsibilities:

- 🕒 Formulating test strategy and guiding & mentoring the team
 - 🕒 Preparing:
 - System test plan and streamlining requirements
 - Test procedures, test scenarios, cases and test data; executing tests, analyzing results & reporting defects
 - Test cases using element locators and selenium web driver methods
 - 🕒 Managing execution of selenium test cases and reporting defects
 - 🕒 Performing:
 - Data-driven Testing, Cross Browser Testing and Parallel Test Execution
 - Regression Testing using Selenium & UFT
 - 🕒 Resolving environmental problems along with technical support people
 - 🕒 Drafting weekly & monthly status reports
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Title: WCS Decommission
Client: Waitrose (Retail)
Role: SDET
Tools Used: Selenium and Jbehave with Serenity
Defect Management Tool: Jira and TestRail
Build Deployment Tool: Jenkins
Build Automation Tool: Maven
Methodology: Agile
Description: Waitrose was an online retail groceries shop which had grocery, entertaining & seasonal products.

Responsibilities:

- 🕒 Evaluated sprint stories after sprint pre-planning and raised questions or clarifications against stories
 - 🕒 Delivered sprint points for stories during Sprint Planning Meeting
 - 🕒 Developed ST & SIT Test scenarios and updated the same in Testrail; wrote BDD scenario against story
 - 🕒 Configured developer code in local machine and built the application locally to start scripting
 - 🕒 Automated stories using BDD Framework
 - 🕒 Executed:
 - Scenarios whenever there was built in DEV Environment
 - Regression test across different browsers using Browserstack
 - Exploratory & Regression test in preprod and after completion of testing moved the ticket to production with DM approval
 - 🕒 Promoted ticket to QA environment and ran regression pack after testing was completed for the ticket in development environment
 - 🕒 Completed testing in QA Environment and then promoted the ticket to Preprod environment
 - 🕒 Gathered all best practice do's & don'ts and discussed the points in Sprint Retrospective Meeting
 - 🕒 Performed a POC in Web Service Testing using Java and Database Testing
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Title: BMW FS, Italy
Client: BMW FS (Bayerische Motoren Werke AG)
Role: Java Developer
Environment: Java/J2EE, JPA Queries and Rest Webservice
Tool Used: Eclipse IDE
Methodology: Waterfall Methodology
Description: The project was to develop, maintain and support the GCAP system. The GCAP system was the back-end credit processing system for BMW Financial Service Italy. Frequent Enhancement was made to application based on business requirement.

Responsibilities:

- 🕒 Engaged in requirement gathering and analyzing & documentation of the requirements
 - 🕒 Used Magic Draw Tool for designing
 - 🕒 Improved & developed requests and associated the same with the existing flow
 - 🕒 Managed code flow monitoring on integrating the modules
 - 🕒 Worked on complete cycle right from analysis to delivery of application
 - 🕒 Formulated the release plan & estimation
 - 🕒 Performed ST and UAT support during releases
 - 🕒 Worked on defect management (ALM Tracker)
 - 🕒 Managed JIRA creation and updation for CRs
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Title: ACOL (Access Online)

Client: RBS – Royal Bank of Scotland

Technologies: Java, Spring and Struts

Database: Oracle

Operating System: Unix

Description: Access Online (AOL) was an online payment system which had many functionality like OPP, UPY Batch, PAF, NUA, AXR and many other applications. OPP (Online Payment Portal) initiated & authorized range of payment types in all major currencies. UPY Batch was used for uploading bulk payments with more efficient and scalable java solution. It covered end-to-end functionality of the file uploading process like parsing, enrichment & validation. PAF (Payment Auto Forwarder) created paymuls & sent to payment router and managed Bansta message. Worked on SEPA (Single European Payment Area) Payment on manual initiation and bulk file upload payments. SEPA Payments were mainly to improve the efficiency of cross-border payments in Europe.

Responsibilities:

- 🕒 Engaged in requirement gathering and analyzing & documentation of the requirements
 - 🕒 Improved & developed requests and associated the same with the existing flow
 - 🕒 Managed code flow monitoring on integrating the modules
 - 🕒 Performed unit testing and prepared UTC
 - 🕒 Created release notes; resolved UAT issues
 - 🕒 Assisted in production movement
 - 🕒 Worked on complete cycle right from analysis to delivery of application
 - 🕒 Part of the Release Team and lined-up deliverables, took project build for ET and maintained change log for releases
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