

PROFESSIONAL PROFILE

- 7+ years of experience as a **Software Quality Assurance Analyst**, supporting the areas of Web-based, Client/Server applications in diverse Business/Technical environments.
- Experience in Automation Tools and Technologies using **Java, Selenium WebDriver, Cypress, TestCafe, TestNg** or equivalent testing tools
- Experience in test automation methodologies **Page Object models**, and **Object-Oriented Programming**
- Experience with **data-driven** and **keyword-driven testing frameworks** and methodologies
- Experience testing both **REST** and **SOAP** services using multiple tools and approaches
- Experience in frameworks **TestNG, Maven** Build management tool and **Jenkins CI/CD** tool
- Excellent understanding and hands-on experience of full software development life cycles e.g. **agile** (Scrum, Kanban, XP), **waterfall** and iterative methodology, **QA processes** and **best practices**.
- Experienced in the **sanity, back-end, front-end, functional, integration, regression, smoke, cross-browser, black box, load, performance and stress testing, Database testing and UAT**.
- Experienced in writing **Test scenarios**, Test Cases for both **manual and automation testing by taking user and functional requirements** into account.
- Maintained **the automation scripts** up-to-date whenever there was a change in functionality.
- Manually conducted **Functional and GUI** testing during the various phases of the development of the application manually.
- Experience in **cross-platform** testing of the application on different browsers, operating systems, and Mobile devices.
- Excellent skill in **communication** with **developers, designers or other stack holders** to resolve the Bug/issues.
- **Support** training to the end-users on how to use the developed application.

TECHNICAL SKILLS

- **Programming:** JAVA, C#, SQL, JavaScript
- **Databases:** SQL Server, MySQL, SQLite, PostgreSQL
- **Bug Tracking tools:** Microsoft Excel, JIRA(Atlassian), Bugzilla, Zephyr, TestRail
- **Web Designing:** HTML, XML, CSS, Javascript, NodeJS, AngularJS, ReactJS, JQuery, JSON, Firebase, Python
- **Version Control Systems:** Git, Bitbucket, Kubernetes, ArgoCD,
- **Development IDE:** Visual Studio, PyCharm, Eclipse, Brackets, Atom, Android Studio
- **Cloud Services:** Microsoft Azure, Amazon Web Services, Google Cloud
- **Other Tools:** Selenium WebDriver, Appium, Cypress, Playwright, Puppeteer, Espresso automation, Jenkins, TDD, BDD Framework, Salesforce, Mulesoft, Guidewire, SumoLogic, Testcafe, Postman, SOAPUI / ReadyAPI, Detox, Node.js, XCTest, RESTAssured, API automation
- RPA Framework: UiPath

ACADEMIC CREDENTIALS

AEC Software Testing & QA
MCIT, Montreal, QC

June 2018 – May 2019

Masters in Computer Applications
G.T.U, Gujarat, India

Sept 2011 – March 2013

WORK EXPERIENCE

Gofetch Inc.

April 2021 – Present

Projects: Gofetch (Web), Mobile app (iOS, Android), Web App, Admin (Web), Clinic Dashboard (Web)

Role: Software QA Analyst

Technologies: Selenium Webdriver, Cypress, Cucumber, detox(mobile), Postman, Notion, Figma, CircleCI

Responsibilities:

- First QA to join, set up QA process for manual and automation testing.
- Perform Functionality, UI, Regression, and Acceptance testing to ensure all features are working as business requirements.
- Implement and maintain test cases and test methodologies that ensure exhaustive testing based on Business, Technical and Functional requirements. created the QA Documents in Notion.
- Developed **QA Framework** from scratch, used **maven** to build an automated test suite for Regression Testing and configured with the existing CI/CD pipeline.
- Deployed the release in **CircleCI** for the QA Environment.
- Coordinate with the development team to resolve issues and verify fixes in new releases.
- **Github** to maintain the automated test scripts and set up the local environment.
- Maintain and added a new test case in **Jira(Zephyr)**.
- Report bugs in a detailed and comprehensive manner using Kanban.
- Participate in Release and Sprint planning and attend daily stand-up meetings and provide a weekly status report to the QA manager.
- UI-path certification, setting up the UI path automation bots for business validation.

Biospective Inc.

Sep 2019 – Mar 2021

Projects: Gretel, Piano and Comic

Role: Quality Assurance Specialist

Technologies: Docker, Python, Perl, Unix Script, Java, Postman, PHP, GhostInspector

Database: MySQL, MySQL Workbench, Sqlectron

Responsibilities:

- Developing test plan and test cases compliance to 21 CFR part 11 (FDA).
- Execute Unix command to test applications based on Shell, Perl, and Python.
- Implementation of Docker environment to test web-based application.
- Involve in SQA meetings and planning.
- Create documentation including Validation plan, User story requirement, Design Specification, Functional Specification, Installation Qualification, Quality Qualification, and Performance Qualification compliance to FDA.
- Review documents for future internal and external audits.
- Automation of web application using Selenium web driver + Maven + TestNG with POM framework.

Career Upgrade

May 2018 – May 2019

Montreal College of Information Technology

- Introduction to ISTQB practices for Manual Testing
- Test management with HP Application Lifecycle Management (HP ALM)
- Automation testing tools with HP Unified Functional Testing (UFT)
- Selenium Web driver automation testing
- Mobile Testing (Appium)
- CI Tools (Jenkin, Maven)
- TDD Frameworks (JUnit, Test NG)/ BDD Frameworks (Cucumber, JBehave)

BCA Research, Montreal, QC**Aug 2016 – April 2018****Project:** BCA Edge**Role:** Quality Assurance Analyst**Technologies:** .net, Java, HTML, XML, Restful web services.**Databases:** MySQL, Microsoft SQL Server.**Responsibilities:**

- Attended daily stand-up meetings and actively participated in sprint planning and review/retrospective meetings.
- Attended User story creation meetings and gave valuable inputs for the UI and functional specifications.
- Studied and Analyzed Functional and Technical specifications in the user stories to identify Test scenarios.
- Categorized the tests into **smoke** tests and regression tests based on the inputs from the Business Analyst.
- Created Page Object classes to maintain the Element identifiers.
- Done the **API/endpoint testing** using postman to verify if the endpoints are returning the correct data.
- Created test **XML / JSON** files to ingest into the endpoints.
- Wrote **SQL** queries to test **MySQL** and **SQL server** databases.
- Worked closely with the developers when required to understand and execute the test scenarios.
- Made sure the end-to-end tests are passed on every build/branch.
- Created pull requests for the builds/branches in Github/Stash.
- Made sure the code review was done on the pull requests.
- Merged the pull requests to the master branch once it got the signoff.
- Updated the Release page in the Confluence with the **Git/Stash** SHA's that need to be released.
- Performed smoke testing and regression testing on staging and raised the bugs.
- Trained the internal end-users on how to use the internal tools/applications developed.
- Maintained the test environments with the latest production data for data consistency.

IndiaNIC Infotech Limited**Aug 2014 – Jun 2016****Project:** Clarify & Taliesin.**Role:** Quality Assurance Analyst**Responsibilities:**

- Reviewed business/functional requirements documents to learn the functionality and scope of the application.
- Wrote **test scenarios and Test Steps** in the feature files.
- Updated Test Cases/Scripts according to the various new enhancements.
- Ensured that accounts of customers were perfectly mapped between the two applications.
- Performed **manual testing** considering the baseline of developed test plans and test cases considering both positive and negative scenarios.
- Extensively involved in smoke testing of the application every time before the release.
- Planned and executed backend testing using various **SQL** queries to verify database integrity data flow from the database.
- Reported all defects, and tracked the defects to update the defect status when the defect is fixed or closed.
- Performed overall **functional, end-to-end, Smoke and Regression testing** of the application.
- Raised regression **bugs** and worked closely with the development team to ensure defects were resolved successfully within the deadlines.

ACADEMIC PROJECTS

Android App - Study-Intern (Android Application for searching for the intern opportunity)

- Developed and deployed a cloud-based android application for students searching for Intern positions on Firebase **DB** for database, **Google and Facebook login verification**. Students can apply for jobs. Employers and students can chat also.

Games – Zombie Run & Dungeons and Dragons

- Developed a zombie game using Unity3d software. Used different layers and gravity transformation. It's a first-person shooter player who can kill zombies using a Gun. Developed a game as a part, of the course, advanced programming practices, where we followed **Iterative-Build** based **Software Development Approach** to develop a swing-based Java game following **MVC architecture** and **Observer Design pattern** which followed D20 board game rules for the game, Dungeons and Dragons.

Websites

- WordPress – Joywebtech.com, Swipeshots.com
- Html/PHP/laravel/magento2 - timesaverz.com, snagyt.com, osakajdmmotors.com
- GitHub - <https://github.com/makpatelqa>

Java - Java application using processing

- Developed basic application using Java. Android applications using java and google earth API to find the distance between two cities. Using the visual studio as IDE for developing a three-tier architecture with **ASP.NET, C#** for front-end manipulation and **MS SQL Server** as backend database. Also developed an **Android module** interlinked with a power distribution system for the complaint registration system.

CCNA 1 – Certified – Network system installation and configurations including TCP/IP networking, firewalls, switching and routing