SUMMARY:

Over **9 years** of experience in **Lead Software Automation Testing, QA Management**, proficient in testing on **Mobile**, **Web, and Client/Server** and **Web based applications and good** experience on **JavaScript/Typescript, C#, OOPS** concepts. Experience automation testing using Cypress, Selenium Web-driver, Playwright, Appium, Protractor, using Node.js, Java, Python, Jest, PyTest TestNG, JUnit. Excellent working experience in API testing, product reviews, product regression and new feature testing, QA process management, release management and making the release report, making sure all the critical/major bugs are fixed before release. Expert to Automate the Mobile apps using Detox, Appium and Espresso and XUCIT .

- Extensive working experience on all phases of Software Development Life Cycle (SDLC), its methodologies such as **Agile, SCRUM** and Waterfall Model.

- Sound Knowledge on **TestNG** framework for Unit testing, **Maven** and **Ant** for Project building tool, **Jenkin/Hudson** for **Continuous Integration**.

- Specialized in User Requirement Analysis, Documenting Test Plans, execution of Test Cases to verify application functionality against business requirements by using **Selenium WebDriver**.

- Experience in using **Maven** build tools to manage framework dependency jar files.

- Extensive experience in reviewing and analyzing Business Requirements and creating **Test Plans, Test Cases, Test Scripts, Test Estimation** & **Requirement Traceability Matrix.**

- Experienced in using **Jenkin** as a Continuous Integration server to configure with **Maven**.

- Extensive experience in **Manual Testing**, **GUI**, **Regression, Functional, Integration, System, User Acceptance(UAT), Sanity, Performance, Stress, Reliability, Compatibility, Cross Browser, Data Migration, ETL, Database Testing & mobile Application Testing.**

- Proficient in Web services testing using **SOAPUI Tool, XML** and expert in reading **WSDL**.

- Experience in **Functional**, **Data Driven Testing**, **Load Testing**.

- Experience working with Databases such as SQL server.

- Sound knowledge on **Object Oriented Programming** (OOP) concept. Extensively used Java for test case automation. Experience in implementing **TDD** and **BDD.**

- Professional expertise in Smoke Testing, Backed end Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation, Web Services, Boundary Value Testing.

- Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.**

- Expert using open source bug tracking tool **JIRA, Quality Center, BugZilla & Team Foundation Server.**

- Excellent experience in troubleshooting **software** applications for business functions in major areas of the business and enterprise-wide.

- Ability to adapt to new environments quickly, **strong team player, good communication, good analytical and computation skills, enthusiastic learner, confident**, sincere and committed.

- Outstanding communicator with extensive experience in customer service as well as ability to identify, develop and enhance client relationships.

TECHNICAL SKILLS:

Testing/Reporting Tools: Cypress, Selenium Web-driver/IDE, Jenkin, SOAPUI, Postman, Team Foundation Server, HP Quality Center, LoadRunner, JIRA, Team Foundation Server, HP Quality Center, SPIRATeam, BugZilla, OnTime, Basecamp, Trello, Microsoft Project Professional.

Languages: Java, Gherkin.

Test Framework: TestNG, Junit

Methodologies: Agile-Scrum, Waterfall, V-Model, Integration

Build Tools: Maven, Ant

Integration Tools: Jenkin, Hudson

Databases: SQL Server

Operation Systems: Windows, iOS, Android

Social Skills: Quality assurance Management, QA Continuous Process Improvement, working across multi-functional teams, Mentoring, Training, Coordinating, Delegating tasks and Root cause analysis

PROFESSIONAL EXPERIENCE

Fundthrough – Toronto. Canada

Lead Test Analyst

Key Responsibilities:

- Developed the automation testing framework, patterns using Cypress

- Worked with Cypress Automation Testing Structure for the Cypress

- Gather requirements documents such as business requirements and design documents and other related documents.

● Reviewed the **Test Basis**, **designed** and documented **Test Strategies, Test Plan, Test Cases** and **executed test cases.**

● End to End Testing of the complete website which was developed using Angular.JS, JavaScript, HTML5, CSS3 and other web technologies.

● Responsible for writing and maintaining **Cypress, Selenium WebDriver** scripts for regression and **functional testing** using **data driven framework.**

● Developed test code in Java language using **Eclipse, IDE** and **TestNG** framework.

● Setup the Automation framework using **Selenium** to run test cases in multiple browsers and platforms

● Responsible for identifying test cases for **manual** and **Automation** with **Selenium WebDriver** for Smoke Test, Functional and Regression Tests.

● Involved in design and implementation of **Selenium WebDriver** automation framework for smoke and regression test suites (TestNG and Maven).

● Involved in testing the application utilizing the **Scrum (Agile)** methodology.

● Involved in designing an automation **framework** to be used in UI testing with **Selenium.**

● Used the **Firebug** to inspect the **XPath** of the web elements and **Eclipse IDE** for Java development.

● **Identified, Reported,** and **Tracked Defects** using the **Quality Center** test management tool.

● **Manually tested**, **verified,** and **validated** that the product meets user requirements.

● Developed and executed **SQL queries** to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.

● Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex **SQL queries** from oracle database.

● Performed **End-to-End** testing of database to check data integrity using SQL queries.

● Assisted QA Manager in documenting **User Acceptance Test report** and reporting defect resolution.

● Performed testing for cloud-based file management system i.e. **S3, Azure, Backblaze B2, Google Cloud, Openstack** and **SMB/CIFS** and experience with **LDAP** and **LDAPS**

Environment: Cypress, Selenium WebDriver, JavaScrip, TypScript, Java, Python, TestNG, LoadRunner, Jenkins, Cucumber, Agile, SQL, Maven, SOAP UI, XPath, Firebug, Eclipse, Quality Center, HTML, GitHub, Windows 7.

Products: Filecatalyst Direct, Filecatalyst Server\Client, Central

SYSTEMS LIMITED

Sr. QA AUTOMATION ENGINEER

Key Responsibilities:

-       Involved in test cases review by development team, product management and modified the test cases based on their feedback.

-       Prepared **Test Plan** which included **testing objectives, testing phases**, scenarios and test environment after a thorough analysis of the business rules.

-     Developed Automation framework using **Selenium Web Driver.**

-       Performed functional testing to identify various critical points in the application and automated it by using **Selenium Web-Driver with TestNG.**

-     Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing environment using **Selenium WebDriver.**

-     Developed automation framework for **Selenium WebDriver** in Modular Framework model.

-     Tested applications developed **in Java with J2EE framework**.

-     Used **Selenium WebDriver for** writing test scripts for **regression test coverage.**

-     Design & Develop data driven framework using **Selenium WebDriver, TestNG** and **Apache POI API.**

-     Created **Selenium web-driver** automation scripts using **Java** to validate functionality on various browsers.

-       Developed and Implemented automation using **Selenium WebDriver** and **Java**. Used **Eclipse IDE** to develop & debug the code.

-       Used **Maven** to build and run the **Selenium automation framework**. Once the script got over, the framework used to send the automation reports over ema

 - Involved in the Continuous Integration of the automation framework with **Jenkins**.

-     Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.

-     Worked on **Data Driven Framework** and **MVC** for Automation test scripts.

-     Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.

- Performed functional testing of **SOAP and RESTFUL Web Services using Postman.**

- Validated SOAP responses by using assertions like **XPath** match, schema compliance, contains, SOAP fault etc.

- Used **Git** as code repository and **Code Collaborator** to manage code reviews.

- Designed data-driven testing framework in **Selenium** and captured data dynamically from web controls.

- Created **manual test cases**, reviewed with different stakeholders to validate the functionality.

- **Web Service** Testing Conducted **backend testing using SQL queries** to validate data for database.

- Performed **ETL \ Data Migration Testing**

- Attend the BRI (Business Requirement Identification) meeting to understand the business Requirements.

- Edit and debug tests using Selenium Participated in meeting, teleconferences walk through with the development team, QA manager and Project manager (PM).

- Coordinated with technical support associates to fix proprietary software issues

- Verified, edited and update test data in new or existing systems before testing.

Environment: Java, Selenium WebDriver, Jenkins, Maven, Cucumber, SOAP UI, RestFul, XPath, Eclipse, XML, Quality Center, JIRA, Team foundation Server, Agile, Scrum, MySQL, Oracle and Windows.

PROJECTS:

Clients: PHH Mortgage Corporation

Lead Test Analyst   **(Oct 2016 – Jan 2018)**

This Project is to develop UCD (Uniform Closing Dataset) an XML version as per GSE requirements which includes consuming of scanned, computer generated (First & Second generation) PDF documents through web service, Web Portal, FTP/SFTP as an input to OCR System. Extraction of content from the images of closing disclosure, addendum and applying UCD defined business rules and generating GSE compliant XML to be consumed by respective client or submission to Freddie Mac / Fannie Mae. This Process also involves Extracting PDF from the generated UCD and extracting Closing disclosure data to compare it with the content in UCD. This whole process is automated to avoid manual review of the generated UCD XML. User(s) are also able to review closing disclosure extracted fields with respect to sections on a smartly designed screen to generate UCD XML with low quality images. The system enables mortgage lenders, investors, servicers, vendors, borrowers, and other parties to exchange real estate finance-related information and eMortgages with GSE.

 VisiLon Review - HELOC

Client: Pittsburgh National Corporation

Lead Test Analyst   **(Dec 2016 – Jan 2018)**

PNC Home Lending Transformation is implementation of new module in VisiLoanReview that will be enhanced to incorporate certain post funding Home Equity processes. These new processes include Lien Recording, Quality Checks and Title Curative activities.

Environment: Microsoft .Net 4.0 (C#.Net, VB.Net, ASP.Net, MVC 3), SQL Server 2008 R2, WCF, Windows Services, Window services, MSP Director Script

Loan Review System

Clients: New Penn Financial, LendingQB, Resmac

Lead Test Analyst   **(Oct 2017– Jan 2018)**

This project was to make a multi-client system that takes images data from FTP/SFTP, web portal either single image or zipped package to extract configured documents using OCR technology. Providing platform to review indexed documents and allow them to merge, split them as per requirement. It allows the multiple documents to be controlled under one loan and designed to send separate results to SFTP for client review.

Environment: Microsoft .Net 4.0 (C#.Net, VB.Net, ASP.Net, MVC 3), SQL Server 2008 R2, WCF, Windows Services, MSP Director Script

Ally Bank (Mortgage Loan Review System), Utah

Lead Test Analyst   **(Apr 2016 – Feb 2017)**

This Project was to provide Ally Bank with a technology platform which enables it an improved Data Capture Process, Bulk Data Quality Data and exchange of data with (Vendor).

This solution allowed improved document control, workflow integration into bulk due diligence. Processing of Images of loan to extract specified loan data and comparing it with Tape data for review process and sending it to Vendor for Validation and to client for decision making. Business rule engine allows to validate specified mortgage rules over extracted data for validation.

Environment: Microsoft .Net 4.0 (C#.Net, VB.Net, ASP.Net, MVC 3), SQL Server 2008 R2, WCF, Windows Services,
MSP Director Script

VisiLoanReview

Client: Pittsburgh National Corporation

Lead Test Analyst   **(Oct 2015 – Nov 2016)**

PNC is an American diversified financial services company providing Retail banking, corporate & Institutional banking, mortgages, and investing services. It is based in Pittsburgh, PA, U.S. It operates through standard banking offices and through its Direct Banking division. PNC is using our VLR (VisiLoanReview) product, customized for their operations. To track loan events, documents and defects to support their post funding processes.

Environment: Microsoft .Net 4.0 (C#.Net, VB.Net, ASP.Net, MVC 3), SQL Server 2008 R2, WCF, Windows Services, Window services, MSP Director Script

Title Typing Process Automation

Clients: RDC, Redvision, LenderLive

Senior Quality Engineer   **(Apr 2016 – Sep 2016)**

This project was to consume loose formatted, multi-state document using web service to identify and auto extract data for title search i.e. extraction of legal description, deed information, mortgage, assignments, judgments, tax information to be auto extracted and populated on screen for review. Providing facility to identify and calculate accuracy of data using OCR techniques. Conversion of OCR data into S2001 XML format.

Environment: Microsoft .Net 4.0 (C#.Net, VB.Net, ASP.Net, MVC 3), SQL Server 2008 R2, WCF, Windows Services,
MSP Director Script

GLOBIT SERVICES

Software Quality Assurance Engineer

Key Responsibilities:

- Involved in test cases review by development team, product management and modified the test cases based on their feedback.

- Assigned, Monitored and Tracked Tasks of Team Members.
- Updated Test Plans and Test Cases periodically to manage changes in requirements. Developed Tractability Matrix which is a proof of document to ensure that all the specifications are been tested and has no defect.
- Prepared required documentation for testing signoff by various parties as required by the project plans.
- Assigned, Monitored and Tracked Tasks of Team Members.
- Updated Test Plans and Test Cases periodically to manage changes in requirements.
- Uploaded test cases executed test cases and logged defects in Trello and JIRA.
- Maintained Traceability Matrix to track the requirements to the test cases to ensure complete test coverage in the Quality Center.
- Performed functional testing of **Web services** testing using **SOAP UI**.
- Connected to database to Query the database using SQL for data verification and validation.
- Performed back end testing on oracle database by writing SQL quarries.
- Created SQL views to aggregate data before moving to targeted database from legacy database to simulate results.
- Interacted closely with developers regarding defects, participated in tracking, reviewing and analyzing bugs.
- Worked extensively with business users to define scope and prepared 'Documents of Understanding' for various change requests by analyzing the feedback from user groups.

Environment: Manual Tester, MySQL, MS Visio, Web Applications, Mobile Applications, JIRA, Trello

MACROSOFT INC – Lahore, Pakistan

QA Engineer

Key Rresponsibilities:
- Analyzed business requirements, documented business requirements specifications, wrote Test Plans, Test Cases.
- Analyzed, developed, documented and validated QA work product for the E-Commerce application, against the Business Requirements Document as part of the SDLC activity.
- Performed manual testing for both front end and backend of the system.
- Worked with development team to understand technical design and architecture for test planning.
- Worked under waterfall methodology.
- Executed Manual and Automated tests and reports defects by running automated tests; executing manual tests; reviewing results of all tests and reporting anomalies into the defect tracking database; verifying the resolution of all defects for an assigned project.
- Prepared traceability matrix to ensure the adequate coverage of the test cases.
- Prepared required documentation for testing signoff by various parties as required by the project plans.
- Uploaded test cases executed test cases and logged defects in Mercury Quality Center.

Environment: Manual Tester, Mercury Quality Center, MS Visio, Postman, E-Commerce Applications

SMONTE PVT LTD – Lahore, Pakistan

QA Tester

Key Rresponsibilities:

- Analyzed requirements, functional specification & required documents for Manual Testing.
- Reviewed project specs and worked closely with BA and Development for creating Test Cases.

- Reviewed and uploaded Requirement Traceability Matrices(RTM) that satisfy all required project's test conditions.
- Linked requirements to Tests as well as analyzed and tested defects in Ontime and Basecamp (as per client's requirement)
- As the only QA, I tirelessly lead, planned, managed delegated, tracked, executed and documented all aspects of the project from beginning to end.

Environment: Manual Testing, MS Office, OnTime, BaseCamp, Windows, iOS, Android

EDUCATION

Masters of Science in Computer Science(MS-CS) | **2013-2015**

Bachelor of Science (Honors) in Computer Science (BS-CS) | **2008-2012**

TRAININGS / CERTIFICATIONS

- Verification and Validation

- Process & Product Quality Assurance

- Internal Quality Audits

- Requirements Development & Management

REFERENCES will be provided when needed.