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Toronto, ON, Canada

**Objective**

Quality Automation Engineer/ Software Tester/ QA Analyst/

**Summary**

- Over 3 years' experience as tester, designer, and debugger with good understanding of building and running automated systems for Web based Application, background in banking capital marketing domain.
- Strength in Agile/Scrum environment: Implementing data driven frame work in Selenium WebDriver; working in project management tool JIRA, backend database testing tool SQL and various testing methods: GUI testing, web application, Functional, System, User Acceptances, Regression, integration, Smoke, Sanity, Visual testing.
- Experienced in life cycle of software testing process including requirement analysis, design, creating functional and automation script, testing and maintenance
- Well-versed in the full project life cycle, technical support needs and project co-ordination functions, kept on track with deadlines for development life cycle
- Collaborated with quality assurance, developers and project managers to assess scope and sequence of project on a regular basis
- Self-motivated, a quick learner of new technologies, and ability to work in groups as well as independently with minimal supervision

**Technical Skills**

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|----------------------------|--|
| • Programming Languages    | : Java, C++, Python, PL/SQL                                    |
| • Automation tools         | : Selenium, IDE, Jenkins                                       |
| • Frameworks               | : Data Driven, Keyword Driven, Behaviour Driven, TestNG, Junit |
| • Build Management tools   | : Maven  |
| • Version control          | : Git, GitHub  |
| • Performance/Load Testing | : JMeter   |
| • DB Testing               | : MySQL-WorkBench.   |
| • API Testing              | : RestAssured, Postman, Parasoftware                           |
| • Test Management tools    | : JIRA, JTMF, Confluence                                       |
| • Testing Methodologies    | : Agile/Scrum, Waterfall                                       |
| • Operating System         | : Windows, Unix  |

**Achievement**

- ISTQB/CTFL Certified tester

**Experiences****FDM Group [Client TD Bank], Toronto****Jan 2022 - Present****Quality Automation Engineer**

Project: The project was online business account opening application. It involved analysis, testing and documentation of application with minimal supervision, interacting with the development and agile teams.

Responsibilities:

- Extensively worked on QA planning, coordination and implementation of QA methodologies.
- Created test strategies, test cases and implement test plans based on business requirements
- Experienced in functional testing, smoke testing, regression testing, integration testing, user acceptance testing, cross browser testing, data validation testing, and executing manual testing.
- Automated the test cases using Selenium WebDriver, Maven, BDD, TestNG, Page object Model (POM)
- Developed and executed test plans and cases (manual and automated), create test scripts, analyze results, document defects and issues, identify root cause, track remediation actions, and sign off on deliverables from testing perspective
- Experienced to develop automation coding and testing using IntelliJ, Postman and Parasoftware for API testing.
- Experience writing SQL queries and interacting with SQL databases
- Reviewed all test cases and test scripts for quality and identified additional areas to review
- Maintained, debugged and optimized automation programs.
- Experience using a project management tool like JIRA/JTMF and Confluence and version controlled by GitHub.
- Ability to work in an agile environment for quality assurance & releases during 2-week sprints

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Project:It was a college website. Handled manual and automation testing using selenium and java by working with the development team.

Responsibilities:

- Documented test plans, test cases, and tracing the test cases to the requirements.
- Performed UI, functional and smoke testing.
- Executed test scenarios and submitted the test report.
- Performed manual back end testing with the use of oracle PL/SQL querying to verify the database contents.
- Used office suite extensively which included MS word, MS excel for various documentation and analysis reports.

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**Archon Solution Pvt Ltd,India**  
**Quality Tester**

**Jan 2019 – July 2019**

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Project:It was a **Water Authority** project.

Responsibilities:

- Handled manual testing and created and submitted the test report.
- Created test cases and executed the cases manually
- Executed test cases by pass/fail criteria by attaching actual and expected results through MS-excel
- Involved in functional testing, regression testing to verify the existing old functionality did not change with the new functional changes.
- Tracked the defects, followed up with the development team to fix bug and closing the defects.

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**VISAT Engineering College, India**  
**Assistant Professor**

**Aug 2012 – Jan 2019**

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Project: Handled different programming language such as C,C++,Java, DBMS, Networking

Responsibilities:

- Taught programming language.
- Handled lab section of each programming language
- Supervisor of university exams.
- Co-coordinator of academic and cultural activities

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**Federal Bank, Kerala, India**  
**Software Developer**

**Sep 2008 – Aug 2009**

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Project1: Online banking account opening software to capture the client details and under writing process through an in-house application.

Responsibilities:

- Designed and documented developing procedures and test cases.
- Developed back end by using java, SQL and apache server.
- Performed regression testing and documented all with actual result and expected results.
- Performed back-end testing and verified the data stored in the database with the help of SQL queries.
- Tracked the defects, followed up with the development team to verify bug and solve the defects.

Project2: The project was related to developing software to report and resolve ATM issues by online.

Responsibilities:

- Developed front end by using HTML, CSS, bootstrap.
- Developed back end by using java, MYSQL and apache server.
- Performed smoke, functional, UI, Integration testing and documented test report.
- Collected and documented test report and provided to management.

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**Education**

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- **Enterprise Mobile & Web Developer Programming**

**Sep 2019 - Aug 2021**

Trios College, Toronto, Canada

- **Master of Engineering in Computer Science**

**Jul 2011 - Jun 2013**

Anna University, Chennai, India