

## **NAYANA CHANDRAN**

Brantford, Ontario

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[Portfolio](#)

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Highly motivated Software QA Analyst with six years of IT experience, specializing in software testing methodologies, SDLC processes, and accessibility testing. Certified Scrum Master skilled in manual and automated testing for Web and Mobile applications, ensuring high-quality software delivery.

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### **HIGHLIGHTS OF QUALIFICATIONS**

- Demonstrated experience in Manual and Automated Testing for Software Quality Assurance.
- Proven ability in analysis, design, development, and testing of Web and Mobile-based Applications.
- Strong knowledge of Software Testing Life Cycle (STLC) and Software Development Life Cycle (SDLC).
- Certified Scrum Master with confidence in Agile Methodology.
- Proficient in SQL data manipulation.
- Adept at building and maintaining positive working relationships with stakeholders at all levels.
- Proficient in accessibility testing, ensuring compliance with WCAG (Web Content Accessibility Guidelines) standards and using tools like NVDA (Nonvisual Desktop Access) to enhance user experience for diverse audiences.

### **TECHNICAL SKILLS**

Software / Tools	-	HP ALM, Jira, Confluence, Selenium, Robot Framework, ConformIQ Model Creator, Eclipse IDE, IntelliJ IDEA, NVDA, WCAG, HPMC, Android Studio
Programming Languages	-	Java, HTML, CSS, JavaScript, Basics of C, C++, Python
Databases	-	MySQL, SQL Server 2008
Operating Systems	-	Windows, iOS, Mac

### **PROFESSIONAL EXPERIENCE**

#### **QA Consultant - CGI Inc, Canada | 2021 – 2023**

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- Enhanced testing accuracy and efficiency by creating, reviewing, and executing well-structured test cases in HP ALM based on Functional Requirements, Business Requirements and Use Case Documents.
- Streamlined testing process and conducted various testing types including UI, functionality, regression, accessibility, analytics, cross-browser, and cross-device testing for both iOS and Android mobile applications by utilizing HPMC tools.

- Proficiently handled defect tracking and reporting, ensuring timely resolution.
- Optimized team coordination between onshore/offshore units to facilitate task completion and address gaps.
- Engineered lower-level keywords within the Robot Framework, leveraging Selenium libraries to elevate the efficiency and robustness of test automation.
- Clarified business requirements and tracked resolutions through efficient participation and conducting of meetings with business stakeholders.

#### **Software QA Tester - Coronata Creations Private Ltd, India | 2017 – 2018**

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- Developed test plans, manual, and automated test cases for source code testing.
- Conducted back-end testing using SQL queries.
- Played a key role in bug life cycle management, resulting in a 40% reduction in bug tracking.

#### **Junior Software QA Tester - Coronata Creations Private Ltd, India | 2016 – 2017**

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- Validated defects in Jira, contributing to a 25% increase in defect tracking efficiency for new builds.
- Prioritized 70% of testing activities, including analysis, design, implementation, and execution.
- Generated comprehensive test documentation, ensuring thorough coverage of testing scenarios and methodologies.

#### **Software Engineer - Shaanarp Tech India Private Ltd | 2015 – 2016**

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- Developed backend codes using Java, J2EE, Servlets, and Spring.
- Designed UI components using JSP, HTML, CSS, JavaScript, Bootstrap CSS, jQuery, and Ajax.
- Maintained databases and optimized queries, achieving an 80% customer satisfaction rate.

#### **Software Engineer - Enersen Technologies Private Ltd, India | 2013 – 2015**

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- Contributed to the design and implementation of an internal platform through coding, designing, and documenting end-user requirements.
- Developed a user-friendly front-end interface based on client requests, resulting in enhanced user satisfaction.

#### **EDUCATION & CERTIFICATION**

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| • ConformIQ Creator Green Belt Certification                      | 2023 |
| • Certified Scrum Master (CSM) (Scrum Alliance)                   | 2021 |
| • Android Certified Application Developer (ATC)                   | 2021 |
| • Android and iOS Mobile Application Development (Seneca College) | 2020 |
| • Master of Science (M.Sc.) in Computer Science                   | 2013 |
| • Bachelor of Science (B.Sc.) in Computer Science                 | 2011 |