

Manmeet Singh Duggal
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SUMMARY

Passionate and dedicated educator with a focus on teaching and mentoring, leveraging my expertise as a certified Agile Scrum Master, Product Owner and QA Automation Engineer. With 6+ years of experience creating automation frameworks, conducting UI and API quality automation, and writing automation scripts, I possess a solid foundation in the field. My ability to effectively communicate complex concepts, provide guidance, and inspire students allows me to foster their growth and facilitate their success. I am committed to utilizing innovative teaching methodologies, staying abreast of emerging trends, and leveraging educational technologies to enhance student learning and engagement.

HIGHLIGHT OF SKILLS

Automation: Selenium, Robotic process automation (RPA), Playwright, TDD, Pytest BDD, Gherkins

Programming Languages: Python, .Net, C#

Database: MySQL, Microsoft SQL Server

Others: JIRA, Confluence, GitHub, IIS, Rabbit MQ, Microsoft Azure services, Python Tutor

PROFESSIONAL EXPERIENCE

Sofvie Inc.

(January 2023 -Present)

Ontario, Canada – Full-Time

Quality Analyst

Tools and Technologies Used: Python, Playwright, GitHub, JIRA, Confluence, SQL, Visual Code

Responsibilities:

- Develop an automation framework for health and safety software using Python, Playwright, Pytest-BDD, and Gherkins.
- Create automated regression test scripts for basic functionality such as login, password reset, and form submissions.
- Create a Python script to identify inconsistent records in mango DB by writing mango DB queries.
- Verifying dynamic custom forms using automation test scripts for mandatory fields, and various types of fields such as radio buttons, multi-select, and file uploading.
- Creating containers using Dockers and providing to the DevOps team for integration to CI/CD
- Validate the accuracy of the data displayed on the reports against the database by writing automated test scripts using Python and Playwright
- Generate test cases and scenarios by thoroughly understanding the application and documenting them for future reference.
- Implement quality assurance testing and processes to improve product quality.
- Create reports detailing any errors or issues found in the products to facilitate quick resolution.
- Work closely with the development team to identify areas for improvement and implement necessary changes.
- Provide timely and satisfactory solutions to customer queries regarding the product.

Cuebit Solutions Pte. Ltd

(Dec 2021 – Feb 2023)

Ontario, Canada – Part-Time

QA Consultant

Tools and Technologies Used: Python, Selenium, GitHub, Visual Studio

Responsibilities:

- Develop test cases and scenarios for comprehensive testing of the product.
- Establish an automation framework using C# and Selenium for efficient and effective testing.
- Build test automation using Selenium to automate manual testing processes.
- Conduct cross-browser automation and testing to ensure consistent performance across different browsers.

IVEY Immigration and Employment Services INC

(July 2020 – Dec 2022)

Sudbury, Canada

IT Analyst / Automation Engineer

Tools and Technologies Used: Python, Selenium, GitHub, Visual Studio, WordPress, Azure, MySQL

Responsibilities:

- Develop a Python automation framework for the in-built CRM system candidate portal to improve efficiency and productivity.

- Automate data migration from the old CRM to the new CRM using Python and Selenium for a smooth transition.
- Maintain the website, improve its functionality, and develop new pages to enhance the user experience.
- Set up an environment for a 3rd party plugin and customize it as needed to meet the organization's requirements.

Qualitest India Private Limited
Bangalore, India
Quality Engineer

(Feb 2019 – July 2019)

Tools and Technologies Used: C#, Selenium, GitHub, Visual Studio, JIRA

Responsibilities:

- Developed automation scripts using C# and Selenium, using the behaviour-driven development (BDD) framework to ensure effective collaboration with stakeholders.
- Conducted end-to-end testing of application functionality and validated data from the database for IDT Corporation in the United States, ensuring accurate and reliable results.
- Managed version control using GitHub, enabling efficient collaboration, and keeping track of changes to the codebase.
- Served as the primary point of contact for user acceptance, gathering feedback and incorporating changes to improve application usability and performance.

Edge Verve Limited – An Infosys Product Company
Pune & Bangalore, India

(Jan 2017- Feb 2019)

Senior Systems Engineer (RPA Developer)

Tools and Technologies Used: C#, Selenium, GitHub, Visual Studio, AssistEdge, UISPY

Responsibilities:

- Developed automation code using RPA methodologies for clients, using the AssistEdge tool to create robots that reduced human efforts in their work.
- Conducted feasibility analysis on different applications before the development phase of projects, ensuring efficient and effective automation solutions.
- Automated the cancellation process of a product for Telstra, reducing the cancellation time from 30 mins to 10 mins and deploying the robot on the production server after multiple stakeholder demonstrations.
- Performed requirement gathering, web services setup and deployment, screen scraping, and C# programming using Selenium for automation.
- Edited Word documents without MS Office present on the robot machine and integrated 12 different applications, ensuring seamless automation and user testing.
- Successfully completed a proof of concept for automating a part of the cancellation process for Telstra, resulting in a new project opportunity.
- Conducted scraping and integration with RPA tools such as Edge-Vere, showcasing versatility and proficiency in automation.

Infosys Limited
Mysore, India
Systems Engineer

(Oct 2015 - Dec 2016)

Project:

Proof of concept for Vodafone, New Zealand to automate the billing management process. This was successfully implemented resulting in the company getting this project.

Responsibilities:

- Performed scraping to automate websites and Windows applications (thick application) using watin, mshtml, spy++, and UISPY in C#
- Setup and integration with RPA- Robotic Process Automation (Edge-Vere Product)

EDUCATION

Graduate Certificate – IT Business Analysis (Sept 2019 – Aug 2020) Cambrian College of Applied Arts and Technology Sudbury, Ontario

Bachelor of Engineering (June 2011 – July 2015) Chitkara Institute of Engineering and Technology Punjab, India

CERTIFICATIONS

Certified Scrum Master (CSM): Issue Date: Aug 2022 - <https://bcert.me/bc/html/show-badge.html?b=xeksctzw>

Certified Product Owner (CSPO): Issue Date: Sept 2022 - <https://bcert.me/bc/html/show-badge.html?b=bwxycdfv>