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Summary

As a highly skilled and motivated Quality Assurance Automation Engineer (SDET) with over 14 years of experience, I specialize in designing and implementing automated test strategies and frameworks for front-end and back-end applications.

My strong analytical and problem-solving skills, ability to work independently or in a team environment and proficiency in English and French make me well-suited to work with multidisciplinary teams.

SKILLS

- Test automation: Cypress, Playwright, Jest, Selenium, JUnit, Protractor, TestNG, Jasmine, Cucumber, Storybook
- CI/CD: Jenkins, AWS, Docker, GitHub Actions
- API Testing: GraphQL, Rest Assured, Postman, Newman, SoapUI, Swagger
- Performance Testing: JMeter, BlazeMeter
- Test Management: TestRail, Jira, Zephyr, Xray
- Languages: JavaScript, Java, Python, TypeScript
- Testing and Monitoring Tools: TOSCA, Browserstack, SonarQube, AWS Platform, DataDog, Grafana
- Databases: SQL, MySQL, MongoDB, Oracle, DB2, PrestoDB, PostgreSQL
- Frameworks: Angular, React

Experience

Senior QA Automation Developer

Intact

Nov 2022 - Present (10 months)

As a Senior QA Automation Developer, I have played a pivotal role in transforming and optimizing the testing process at Intact. My contributions have significantly reduced manual testing efforts, increased test stability, and shortened regression times. My key achievements include:

- Transitioning to Cypress: Migrated existing Selenium tests to Cypress, resulting in faster and more reliable test execution.
- Shifting Left with Component Testing: Implemented component-level testing for React and Angular components using Cypress, enabling early defect detection and reducing the need for extensive end-to-end tests.
- Building Cypress Frameworks: Designed and configured Cypress testing frameworks for multiple projects, providing a robust foundation for test automation.
- Implementing BDD with Cucumber: Integrated Cucumber with Cypress frameworks to support Behavior-Driven Development (BDD), fostering better collaboration between developers, testers, and product owners.
- CI/CD Integration: Integrated Cypress frameworks into the existing CI/CD pipeline using Jenkins and GitHub Actions, ensuring automated test execution with every code change.
- Supporting Backend Testing: Maintained the existing backend testing framework using Java and Rest Assured, ensuring comprehensive API testing.

- **Accessibility Testing:** Implemented accessibility testing using Cypress and Axe Core, ensuring compliance with WCAG 2.0, 2.1, and 2.2 at levels A, AA, and AAA.
- **Visual Regression Testing:** Introduced visual regression testing using Cypress, detecting visual discrepancies and ensuring consistent UI/UX.
- **Mentoring and Training:** Conducted bi-weekly workshops and demos on Cypress for QA colleagues, providing support at all levels and fostering continuous learning.

Through these efforts, I have helped the company achieve a more efficient and reliable testing process, ultimately contributing to the delivery of high-quality software products.



QA Instructor

Legion IT Services

Sep 2022 - Present (1 year)

- Mentor and guide students transitioning into QA careers
- Teach best QA and test automation practices using JAVA, TestNG, JUnit, Selenium, REST Assured, JMeter, Postman, and Cypress



Senior Software Developer at Ridgeline Apps

Ridgeline

Aug 2022 - Nov 2022 (4 months)

During my short contract at Ridgeline, I have showcased versatility and innovation, primarily contributing to developing and enhancing our testing framework using Cypress. I have utilized my expertise to create robust Test Helpers, enabling a streamlined approach toward application ramp-up and facilitating our teams' test development efforts.

Key responsibilities:

- Developed Test Helpers and set up the Cypress Framework, empowering the team to write end-to-end automation tests with consistency and efficiency.
- Identified UI elements and modified UI attribute components to make them compatible with Cypress, leading to an optimized and comprehensive test environment.
- Authored and refined unit and integration test cases, ensuring the robustness and reliability of our applications.
- Integrated tests into our pipeline, enhancing our continuous integration and continuous delivery (CI/CD) process.
- Regularly performed test execution and produced detailed test results and reports, enabling prompt identification and resolution of issues.
- Collaborated closely with other developers and QA team members to foster an environment of shared knowledge and best practices.

Achievements:

- My thorough attention to detail and empathetic approach towards team needs led to developing Cypress test helpers that closely aligned with our style and requirements.
- Contributed to a Storybook by adding multiple stories and enhancing our documentation and collaborative design system.
- Through the reiteration of our unit tests, I improved test efficiency and maintainability, creating a more effective and efficient testing process.



Lead QA Automation Engineer / SDET

Diamond

May 2021 - Aug 2022 (1 year 4 months)

As a Lead QA Automation Engineer (SDET) at Diamond Web Services, I was responsible for implementing test automation frameworks tailored to the needs of various clients: FX (<https://www.fxnetworks.com/>), Nudj Health (<https://www.nudjhealth.com/>), Wondery (<https://wondery.com/>) own by Amazon Music.

My work included End-to-End, Component (React Components), API, Backend, UI, and Security testing, focusing on improving test coverage and reducing regression execution time.

I also spearheaded mobile test automation for React Native applications and integrated Browserstack for

cross-browser testing. Additionally, I played a crucial role in developing the CI/CD strategy and processes for regression testing in different environments (Dev, QA, Staging).

Through my efforts, I delivered robust test automation frameworks for various clients, utilizing a mix of different types of testing such as component, end-to-end, API, UI, and accessibility testing. It helped to reduce regression time from 2 days to 1 hour. I also ensured full integration into CI/CD pipelines. I implemented authentication with AWS Cognito, API testing with GraphQL, accessibility testing

with AXE Core (WCAG 2.0, 2.1, 2.2 on level A, AA and AAA), and some types of security testing (i.e. cross access using auth tokens).

Tools and technologies used in this role include Cypress, Jest, JavaScript, TypeScript, React, TOSCA, Storybook, Postman, Zephyr, JIRA, PostgreSQL, NodeJS, Git, GraphQL, AWS, and Docker.



Senior Quality Assurance Automation Developer / SDET

Collective[i]

Jan 2020 - May 2021 (1 year 5 months)

- Ensured product quality within an Agile development framework through e2e, API, Backend, and UI testing
- Built automation frameworks from scratch using Cypress, Postman, and Newman to improve test coverage and reduce regression time
- Configured and implemented CI/CD pipelines using Jenkins and the internal data center to execute automated tests

I used various tools and technologies in my role at Collective[i], including Cypress, JavaScript, Postman,

TestRail, JIRA, MongoDB, NodeJS, Git, and Grafana.

My technical skills include proficiency in React.js, TestNG, JavaScript, SQL, TypeScript, and Cypress.



Quality Assurance Lead

Stradigi AI

Dec 2018 - Jan 2020 (1 year 2 months)

As the Lead QA at Stradigi AI, I established a robust Quality Assurance culture and implemented effective QA processes within the organization. My key accomplishments include the following:

- Developing and documenting the Test Strategy and Testing standards to ensure a consistent and a thorough approach to testing across the organization
- Setting up a dedicated QA working space, complete with processes and best practices for effective QA
- Researching and implementing the best tools, methods, and technologies to support our QA efforts, such as e2e testing frameworks, API testing tools, and CI/CD pipelines
- Building a team of embedded QAs to work closely with our SCRUM teams to ensure high-quality deliverables
- Organizing a Bug Triage Committee to triage and prioritize bugs and defects, ensuring all bugs are addressed promptly
- Developing and implementing automation frameworks for API, e2e, and UI testing to improve efficiency and test coverage
- Expanding our QA efforts to include non-functional testing, such as security, performance, database, accessibility, and localization testing
- Working closely with the DevOps team to configure and optimize our CI/CD pipelines and collaborating with the Solution Architects to establish standards for unit and integration testing

Tools and technologies used in this role include e2e testing frameworks such as Protractor, Jasmine, Selenium and Webdriver; API testing tools such as Postman and Newman; CI/CD tools like Jenkins, Docker swarm, Kubernetes, and SonarQube; and other tools like JMeter, TestRail, Jira, Browserstack, AWS Platform, and DataDog.



Principal QA Developer | Quality Assurance Automation Engineer

OneSpan

Jul 2018 - Dec 2018 (6 months)

As a Principal QA Developer at OneSpan, I led the Quality Assurance efforts for a web-based frontend application. My responsibilities included:

- Performing Manual and Automated testing using Java language and Selenium framework on popular browsers and mobile devices
- Conducting API testing, white-box, and black-box testing
- Testing Backend and Databases
- Designing and implementing test strategies, automated test scripts, and test cases in collaboration with other team members
- Testing user stories and acceptance criteria
- Served as a hiring manager for the SQA team, including conducting interviews and creating and grading technical tests.

I used various tools and technologies, including Selenium, Cucumber, Java, TestNG, Maven, SoapUI, JMeter, POSTman, Atlassian JIRA, Jenkins, SQL Server, MySQL, Oracle, DB2, Git, and SVN.

As a result of my efforts, I developed and implemented a bug report template, established a test strategy as the foundation for test coverage, and built a Quality Assistance approach. Additionally, I was able to improve the testing of pre-released processes.



Test Automation Developer

OneSpan

Mar 2018 - Dec 2018 (10 months)



Quality Assurance Specialist

Yellow Pages / Pages Jaunes – Canada

Aug 2016 - Mar 2018 (1 year 8 months)

At Yellow Pages, I was working as a Quality Assurance Specialist where I was responsible for ensuring the quality and reliability of web applications used by the Sales and Marketing departments. My main responsibilities included:

- Designing and implementing test strategies, automated test scripts, and test cases in collaboration with other team members
- Testing user stories and acceptance criteria to ensure that they met the requirements and standards set by the company
- Creating Page Object Model frameworks from scratch for each testing project using Python, Typescript, JavaScript, Jasmine, Protractor frameworks and Selenium library
- Conducting front-end, back-end, white-box, and black-box testing tasks, as well as reporting any issues found during testing
- Performing regression testing every sprint using automated test scripts
- Developing new features using the Angular framework

The technologies and tools used in this role included TestNG, JavaScript, SQL, TypeScript, Jasmine, Protractor, Selenium, and Angular.



e-Commerce | Software Tester

Equipements Sport Metro Inc.

Aug 2014 - Aug 2016 (2 years 1 month)

Working with an e-Commerce platform such as Magento, my primary responsibility was to ensure the quality of the e-commerce listings. Using test automation tools like Selenium and REST Assured helped validate the quality of transferring more than 100 listings a day to platforms like Amazon and eBay.



Testing Specialist

NP-Service

Jun 2012 - Dec 2013 (1 year 7 months)



Business Analyst

life:) Belarus (Turkcell Group)

Dec 2008 - Jun 2012 (3 years 7 months)



Business Analyst

BAT

Jun 2006 - Dec 2008 (2 years 7 months)

Education



Université de Montréal

Bachelor's degree, Computer Science

2014 - 2019



Belarusian National Technical University

Master of Engineering - MEng, Engineering

2003 - 2008

Skills

Rest Assured • Jest • Angular • GraphQL • Cypress • React.js • Selenium • JavaScript • Java
• Maven