

SUMIT PALIWAL

Lead QA Engineer

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EXPERIENCE

Senior QA Engineer

E2open Inc.

Mar 2021 – Present

Bengaluru, IN

- Designed and development Playwright TypeScript based framework, leading to a 10% to 20% faster test execution and a 20% increase in code deployment speed.
- Constructed and maintained a BDD Cucumber-supported testing framework enabling comprehensive front-end and back-end tests; reduced release delivery time by 40-50%
- Engineered a robust CI/CD pipeline using Selenoid, Selenium Grid, and Docker containers; integrated with Jenkins, achieving a 20% reduction in overall testing time and accelerating software release cycles.
- Spearheaded automation and QE initiatives for module functionality validation, encompassing requirement analysis, test script preparation, test execution, defect management, and testing report delivery.
- Executed performance testing using JMeter, simulating real-time environment loads to ensure the application met industry-standard performance benchmarks; identified and resolved bottlenecks, improving system throughput by 40%.

Quality Assurance Analyst

Infor Inc.

Jun 2019 – Mar 2021

Bengaluru, IN

- Worked on 2 projects simultaneously and further worked on project migration of Vivonet Point of Sales to Infor HMS.
- Creation and maintenance of Automation Framework using Selenium and execute the Automation suite on a weekly basis and publish the results to all the stakeholders.
- Streamline manual testing with automation using advanced automation tools like Selenium, Postman Rest Assured, etc which enhanced test coverage by more than 30%. Always strive for effective QA processes and share ideas with the onsite team to improve QA processes.

Software Engineer

CGI Inc.

Apr 2016 – Jun 2019

Bengaluru, IN

- Set up advanced lab infrastructure to replicate customer environments, executed functional, integration, system, ad-hoc, and smoke testing; identified critical issues, reducing post-release defects by 40%.
- Identified and documented 50+ critical bugs during the latest software release cycle, securing the top spot in the company's bug reporting challenge and significantly enhancing product stability.
- Formulated over 60+ test scenarios and cases from business requirements; designed and executed a test plan that reduced post-release defects by 40%, improving product reliability and customer retention by 15%.

EDUCATION

RGPV, Bachelors of Engineer

Aug 2011 – Jul 2015

- Computer Science Major GPA: 7.0/10.0

SKILLS

Manual Testing Automation Testing

Java

JavaScript

TypeScript

Selenium

Playwright

TestNG

BDD

Cucumber

Postman

RestAssured

JMeter

SQL

GIT

Maven

Jenkins

Docker

AWS Cloud

Shell Script

Linux

CI/CD

PROJECTS

E2net - Interconnect

- The E2net - Interconnect is e2open's inter-application connection module, which helps to exchange data across applications.
- Module Lead designing and implementing a Playwright-based end-to-end automation framework using TypeScript.

E2net - Supply Chain Platform

- E2net is a cloud-based, multi-enterprise network enabling trading partners to collaborate, gain visibility, and optimize the supply chain.
- QA Lead overseeing end-to-end testing activities using a hybrid framework based on Selenium, Cucumber, BDD, and Rest Assured.

HMS and Vivonet Point of Sales

- Infor POS helps hospitality provider control incoming data from multiple revenue centers.
- Team member contributing to testing activities and developing automation frameworks to enhance software quality.

CGI Advantage ERP

- The ERP solution helps federal governments improve their back-office operations.
- Team member participating in end to end product testing.

ACHIEVEMENTS

- Led a Tech Tuesday Webinar on Selenoid Docker Container, educating an audience of over 100 attendees, resulting in a 50% uptick in post-webinar project implementations.
- Recognized for Pat on the back award for raising a maximum number of bugs.

CERTIFICATES

- Java Certification from JSpider Institue.