

Manoji P

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Professional Summary

SDET with 4 years of experience in test automation, QA, and Agile environments. Expert in **Java, Selenium, TestNG, CI/CD (Jenkins, Azure DevOps)** and building scalable automation frameworks to improve test coverage and release quality.

Technical Skills

Programming Languages: Java, Typescript

Test Automation: Selenium, TestNG, Playwright

CI/CD & DevOps: Jenkins, Azure DevOps, Concourse

Version Control: Git

Test Management: JIRA, Zephyr, Rally, Octane

Cloud Platforms: Azure

Agile Methodologies: Scrum, Kanban

Professional Experience

Hexaware Technologies

Software Development Engineer in Testing (SDET)

Project: KPMG (Business Tax Engine)

Duration: November 2024 - (Present)

- Collaborate with product owners, developers, and QA teams to define test strategies and ensure high-quality deliverables.
- Design test plans, test cases, and test scripts using Zephyr and JIRA for effective test cycle management.
- Develop and maintain robust automation frameworks using **Selenium with Java**.
- Optimize automation frameworks for scalability, efficiency, and reusability across multiple test scenarios.
- Execute automated test scripts and analyze results, ensuring early defect detection and resolution.
- Integrate test automation into CI/CD pipelines (Azure DevOps) to enable continuous testing.
- Maintain and refactor test scripts to align with new application functionalities using Git

version control.

- Track and report defects using JIRA, collaborating with developers to ensure timely fixes.
 - Working migration of automation framework from Java-Selenium to **TypeScript- Playwright** to enhance test reliability, speed, and maintainability
 - Mentor junior testers, conduct code reviews, and lead knowledge-sharing sessions to enhance team productivity.
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Cognizant Technology Solutions

QA Automation Tester

Application Name: Comcast-BSD-ODS

Duration: July 2021 – October 2024

As an Automation Test engineer in Java working with Comcast Xfinity with 3 years of experience in the telecommunication domain, I have:

- Designed the functional test cases based on Analysis and Technical Design Documents for In-sprint Automation.
 - Java and API to develop Automation scripts using Test data driven framework.
 - Created Playwright automation scripts using TypeScript and Configured for the DevOps Team for CI/CD.
 - Developed automated tests in partnership with developers for continuous regression testing and reducing manual testing and developed custom libraries for automation using **Selenium, Java, Typescript, Playwright**.
 - Followed Agile/Scrum Methodologies for all the project activities.
 - Design and development for validation of the Elasticsearch documents in the CSAF framework.
 - Automated testing for Continuous Integration (CI) and Continuous Delivery (CD) pipelines, and provides plugin integrations with the CI platform Jenkins and Concourse
 - Utilize existing test management capabilities within the organization, including ALM, JIRA, OCTANE & RALLY.
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Education

Mechanical and Automation Engineering – Anna

University Graduation Year: 2017 - 2021

CGPA: 8.86

Computer Science – Amrita Vidyalayam

Graduation Year: 2015 - 2017

Projects & Achievements

- Automated 80% of regression test cases, reducing test execution time by 40%.
- Improved test coverage and reduced manual testing efforts by implementing an efficient test automation framework.