

Harini Maya Dhanabalan

QA Test Engineer

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Summary

Detail-oriented QA Test Engineer with almost 3 years of hands-on experience in Software Quality Engineering and Testing Assurance, specializing in both manual and automation testing. Proficient in Agile methodologies and experienced in designing and executing robust test automation strategies. Proven track record of improving product quality through effective collaboration with cross-functional teams and driving the successful delivery of software projects.

Work Experience

Cognizant

Programmer Analyst

June 2022 – Present

- Increased testing efficiency by 30% by identifying test scenarios, estimating efforts, and creating test plans within tight deadlines. Reduced defect leakage by 25% by rigorous execution of functional, regression, smoke, and sanity testing protocols. Defined test plans, test cases, and test scripts to improve test coverage.
- Maintained and updated regression test suites to ensure comprehensive coverage. Executed 100+ test cases per sprint, achieving 95% on-time delivery. Designed test automation frameworks using Selenium, Cucumber/TestNG, and Tosca. Conducted API testing using SOAP UI, Postman, and Swagger UI, validating backend responses. Developed and executed automated test cases in Tosca with reusable test modules, Test Data Service (TDS), Execution Lists, and Test Configurations for efficient test management.
- Collaborated with cross-functional teams, including developers, business analysts, and stakeholders, contributing to the successful delivery of 95% software projects on time. Improved team productivity by mentoring and training junior testers, leading to 20% improvements. Participated in daily meetings, sprint planning, and retrospectives in an Agile development environment.
- Proficient in various tools and platforms with good knowledge of SAP ISU, CRM and EWM, VMS, AWB, DCC IH, SOAP UI, Postman, JIRA, SQL, DCCA and Metering applications. The automation testing tools used include AutoFit Framework, Selenium, Cucumber, IntelliJ IDE, and Java.
- Involved testing web applications across Dev/Test and Pre-Prod (UAT) environments. Automation regression test cases are executed in parallel during UAT execution in the Pre-prod environment, with Automation BDD tests implemented by the testing team. Led defect triage sessions and root cause analysis using qTest and JIRA to resolve high-priority issues efficiently.

Education

PSNA College of Engineering and Technology - BE ECE

CGPA: 8.44

2018 – 2022

St. Joseph's Matriculation Higher Secondary School - HSC

Grade: 88.58%

2017 – 2018

St. Joseph's Matriculation Higher Secondary School - SSLC

Grade: 97.6%

2015 – 2016

Certifications

- **Selenium WebDriver with Java - Basics to Advanced + Frameworks** (Udemy) May 2025
- **Tricentis Tosca Fundamentals**
 - AS1 - Automating Web Application Testing April 2025
 - AS2 - Optimizing test automation with centralized test data September 2023
- **Jira for Beginners - Detailed Course to Get Started in Jira** (Udemy) February 2025
- **Implement Cloud Security Fundamentals on Google Cloud** (Google) April 2021

Projects

AstraZeneca – GTC Platform Testing

February 2025 - Present

- AstraZeneca, a leading global pharmaceutical and biotechnology company. My role involved risk-based testing strategies ensuring both GxP and Non-GxP compliance for regulated environment. Conducted manual and automation testing of web applications, executing end-to-end Business Process Automation using JIRA and managing test documentation on Confluence. Led API automation testing with Postman/Swagger UI for pharma research applications to validate request/response integrity. I contribute to the Accelerating Pharmaceutical Development (APD) Platform, which supports Biopharmaceutical Development and PharmSci enhancing R&D synergies. The platform provides enhanced IT support for BAU solutions, directly benefiting scientists. Working in an Agile (Scrum, Kanban) environment, collaborating with developers, business analysts, product managers, technical leads and QA teams. Developing test automation scripts to verify app functionality across different devices and platforms.

Centrica Neon QE&A

July 2022 – January 2025

- Centrica plc is a leading multinational energy and services corporation that specializes in innovative solutions for energy and home services. As a Programmer Test Analyst, I was part of a smart metering project focused on enhancing energy consumption, cost control, and accurate billing. My responsibilities included manual, functional, regression, and device testing of smart meters and related applications. I automated test cases using Tricentis Tosca for functional and regression testing, significantly reducing manual effort and improving overall test coverage. This involved developing and executing Tosca test scripts for validating complex workflows, enhancing test efficiency and reusability. I conducted API testing using SOAP UI by validating request and response flows at both the adapter and the database levels. I was also involved in creating test data in SAP ISU and AWB, setting up the test environment, executing test cases, and uploading test documentation to SharePoint. I worked in an Agile (Scrum) environment, handled incidents using ServiceNow, tracked and managed defects in qTest, and prepared Test Exit Reports (TER). Additionally, I mentored junior testers and collaborated closely with cross-functional QA teams.

Skills

Technical Skills:

- **Testing & QA:** API Testing (SOAP UI, Postman, Swagger UI), Manual Testing, Automation Testing (Selenium, Cucumber, TestNG, Tosca), Functional and Regression Testing, Device Testing, Web Testing
- **Test Management:** Defect Tracking (qTest, JIRA), Documentation & Collaboration (Confluence), Incident Management (ServiceNow)
- **ERP Systems:** SAP ISU (Device Management, Data Creation & Billing)
- **Project Methodologies:** Agile (Scrum, Kanban)
- **Database:** SQL and Database Management
- **Programming Languages:** Java, C, HTML/CSS
- **Cloud Technologies:** Google Cloud (Certified Facilitator)
- **Tools & Productivity:** Microsoft Office (Excel, Word, PowerPoint)

Soft Skills:

- Excellent Communication, Stakeholder Management and Collaboration.
- Strong Leadership, Time Management, Adaptability and Problem Solving skills.
- Attention to Detail with Critical Thinking and Analytical capabilities.
- Fast and Accurate Typing skills (Certified – Senior & Junior Grade : First Class)

Languages

- English, Tamil, Hindi