

# Harini Maya Dhanabalan

QA Test Engineer

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## Summary

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Detail-oriented QA Test Engineer with 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

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### 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.
- Participating in the core Accessibility Testing team to explore compliance with WCAG standards using freeware tools like axe DevTools, WAVE, ANDI, and Siteimprove. Evaluating color contrast, keyboard navigation, and screen reader compatibility using WebAIM tools and Coblis simulator to identify usability issues for users with disabilities.
- 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

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**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

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- Selenium WebDriver with Java - Basics to Advanced + Frameworks** (Udemy) May 2025
- Tricentis Tosca Fundamentals** (Tricentis)
  - 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

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### AstraZeneca – GTC Platform Testing

*February 2025 - Present*

- Performed manual and automation testing for web applications, ensuring GxP and Non-GxP compliance in a regulated environment.
- Led API testing using Postman and Swagger UI to validate request/response flows in pharma research applications.
- Participated in Accessibility Testing to assess WCAG 2.1 compliance using axe DevTools, WAVE, and ANDI; tested keyboard navigation, color contrast, and screen reader support.
- Contributed to the Accelerating Pharmaceutical Development (APD) Platform supporting R&D activities.
- Collaborated with cross-functional teams in Agile (Scrum, Kanban) environment using JIRA for task tracking and Confluence for test documentation.
- Developed automation scripts to validate application functionality across platforms.

### Centrica Neon QE&A

*July 2022 – January 2025*

- Conducted manual, functional, regression, and device testing of smart meters and related applications.
- Automated test cases using Tricentis Tosca, improving test efficiency and reducing manual effort.
- Performed API testing using SOAP UI by validating data at adapter and database levels.
- Created test data in SAP ISU and AWB, set up environments, executed tests, and managed documentation.
- Handled incidents in ServiceNow, tracked defects in qTest, and prepared Test Exit Reports (TER).
- Mentored junior testers and collaborated in Agile Scrum teams to ensure smooth delivery cycles.

## Skills

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### Technical Skills:

- **Testing & QA:** Manual and Automation Testing (Functional and Regression Testing, Device Testing, Web Testing, Accessibility Testing), API Testing (SOAP UI, Postman, Swagger UI)
- **Automation Tools & Framework:** Selenium (Java), Tosca
- **Test Management:** Defect Tracking (qTest, JIRA), Documentation & Collaboration (Confluence), Incident Management (ServiceNow)
- **ERP Systems:** SAP ISU (Device Management, Billing, Data Creation), SAP EWM (Logistics, ASN Handling), SAP CRM (Service Order Management, Metering Workflow via AWB)
- **Project Methodologies:** Agile (Scrum, Kanban)
- **Programming Languages:** Python, Java
- **Database:** SQL
- **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

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- English, Tamil, Hindi