

RADHIKA MELGODE

AUTOMATION TEST ENGINEER

OBJECTIVE

Committed to continuous learning, I aim to stay up-to-date with emerging technologies to drive innovation and contribute to organizational success in a fast-paced, agile environment.

CONTACT

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EDUCATION

DAVANGERE UNIVERSITY

- Bachelors of Computer Applications
- 89.5% | secured 2nd Rank in the university

TECHNICAL SKILLS

- JavaScript
- Automation testing using the Playwright Test framework
- Core Java, Automation Testing using Java-Selenium and TestNG
- Defect Tracking with JIRA
- Well-versed in agile methodology
- Implementation of Hybrid framework
- GitHub: Source Code Management
- Jenkins - CI/CD Tool
- TestRail: for Manual Testcases

PROFILE

An experienced Automation Engineer with **5.5 years** in software testing. I build efficient, reliable automation solutions that enhance product quality and accelerate delivery. Currently employed as an Automation Engineer at **Test Yantra Software Solutions**, India, since April 2025.
Emertail Technologies Pvt. Ltd: Nov 2019 - March 2025

WORK EXPERIENCE

Emertail Technologies Pvt. Ltd

TrackWork@Allianz **15 months**

- Project - A B2B web application that helped the client to integrate their domestic and international employees under one umbrella, tailored to meet their needs vis-a-vis global team coordination.
- Domain: Human Resources Information System
- Tools: **JavaScript, Playwright, Visual Studio Code, GitHub, Jenkins**

Roles and responsibilities:

- Developed, maintained, and enhanced the automated end-to-end test scripts using **Playwright with JavaScript**
- Configuring the **playwright.config.js** file to achieve **parallel execution** and **cross-browser** testing
- Implemented robust **assertions** using the **expect** method from Playwright's assertion library
- Creating POM classes for test scripts to promote reusability in test scripts
- Maintain and **manage test data** in the framework through **JSON files**
- Generating reports using **HTML reporter** in Playwright.
- Debugging the code for any errors, and executing it
- Reviewing test scripts and giving demos to the client

Vilda RIS

50 months

- Project - A B2B web application that helped the client handle the administration of day-to-day activities, manage the inventory, and sort out high-value end-users
- Domain: Relationship Intelligence System
- Tools: **Core Java, Selenium, TestNG, Maven, Eclipse IDE, Github, Jenkins**

LANGUAGES

- English,
- Kannada,
- Hindi

SOFT SKILLS

- Proactive problem solver
- Efficient and detail-oriented
- Strong communication skills
- Task prioritization and Deadline Management

Roles and Responsibilities:

- Designed and implemented automated test scripts using **Selenium WebDriver** with **TestNG**, ensuring modular, maintainable, and scalable test cases
- Developing **generic utilities** - reusable methods for actions like waits, dropdown handling, and file uploads
- Implemented **data-driven testing** using TestNG **@DataProvider** annotation for better test coverage
- Giving demos to the client

Manual Testing:

Tools: JIRA, TestRail

- Understanding CRS and preparing test scenarios
- Writing test cases using **Test Case Design techniques**
- Executing test cases and tracking bugs using JIRA
- Maintaining test cases in **TestRail**
- Generating and submitting reports like the **Test Execution Report** and the **Traceability Matrix**

PROFESSIONAL SKILLS

- Executed tests in both **headless and headful modes** in the Playwright test framework
- Good understanding of Playwright's **auto-wait feature** and browser-context management
- Skilled in handling **frames, dropdowns, switching across tabs**, and handling **dynamic web tables**.
- Implemented **Parallel testing, Cross-Browser testing**, and customised the Playwright Test Runner for advance configurations.
- Expertise in writing **asynchronous test code using async/await** patterns to handle real-world web application delays and dynamic content
- Well-versed with **ES-6 features** such as spread operators, arrow functions, template literals, default parameters, etc.
- Proficient in JavaScript programming using **higher-order functions** (map, filter, reduce).
- Strong grasp of **closure, hoisting**, and various types of functions
- Thorough knowledge of Object Oriented Programming concepts in JavaScript
- Proficient at **JavaScript programming** using built-in methods of strings and arrays
- Implementing **Pipeline in Jenkins** so that the customer gets a visual representation of build executions.
- Proficient at pushing code on **GitHub** and working with **Jenkins**
- Actively participated in **Bug Triage Meetings** and **Agile ceremonies**
- Applied **TestNG annotations** - @BeforeClass, @DataProvider, @Test, etc.
- Handled dynamic web elements and synchronization issues using Selenium wait statements for stable test execution
- Created and reviewed manual test cases and expertise in reviewing Test cases
- Comprehensive knowledge of **Defect life cycles, Bug Severity, and Bug Priority**

DECLARATION

- I, hereby declare that all the information given above is correct to the best my knowledge