Mohanraj S

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Portfolio: https://dextermohan.neocities.org/Portfolio/

Career Objective

Motivated Software Test Engineer with strong analytical skills, looking to contribute to quality software testing in a dynamic team environment.

Professional Summary

Hands-on Software Test Engineer with 3 months of internship experience at Robowave through QSpiders, specializing in both manual and automation testing. Skilled in Python, Selenium WebDriver, SDLC models, and test management using Agile methodology. Successfully led a team to automate 250 test cases for an AI-based e-commerce project using Fireflink, covering smoke, functional, system, and integration testing. Strong in creating and executing test suites, writing test scenarios, and generating reports. Confident in both black-box and white-box testing concepts.

Technical Skills

- **Automation Tools**: Selenium WebDriver, FireFlink
- **Programming Languages**: Python, HTML, CSS, JavaScript (CDN-based)
- **Database & SQL**: Oracle DB, MySQL – Basic SQL queries
- **Models:** Waterfall, Spiral, V-Model, Prototype, Derived, Hybrid, Agile Model
- **Functional Testing**: Smoke Testing, Sanity Testing, Integration Testing, System Testing, Regression Testing, User Acceptance Testing (UAT)
- **Non-Functional Testing**: Performance Testing, Usability Testing, Compatibility Testing, Ad-hoc Testing, Exploratory Testing

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Certifications

- **Internship Certification** – 3-Month Software Testing Internship at QSpiders (Jan 2025 – Apr 2025)
- **Agile Methodology** – Course Completion – Infosys Springboard (Nov 2024)
- **Continuous Integration and Delivery (DevOps)** – Infosys Springboard (Nov 2024)

Projects

ThinkDirtyApp – E-commerce Web Application

- Project Type: Internship (Robowave via QSpiders)
- Duration: Jan 2025 – Apr 2025
- Tools & Technologies Used: Fireflink, Fireflink Finder, Agile Methodology

- **Description**: AI-driven e-commerce platform for evaluating product safety and ingredients. Supports user interaction for browsing and reviewing items.
- **Role & Contributions**:

  - Led a QA team to automate 250+ test cases in 10 days
  - Used NLP-based Fireflink Finder to identify elements without manual inspection
  - Guided the team through scenario writing, test suite creation, test execution, and reporting
  - Conducted Scrum meetings and handled the final client presentation

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Work Experience

Software Testing Intern (Team Lead)
Robowave Technologies (via QSpiders), Bangalore
Jan 2025 – Apr 2025

- Led test efforts for an e-commerce automation project using Fireflink
- Designed manual and automated test cases
- Followed Agile methodology and conducted daily scrum meetings
- Delivered test execution reports and presented outcomes to the client

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Education

B.Tech – Information Technology
Global Institute of Engineering and Technology, Vellore
Graduation Year: **2025**   CGPA: **8.03** / 10

Achievements & Additional Skills

- **Languages Known:** English, Tamil, Hindi (Read & Write only)

- **Willing to Relocate**: Yes

- **Achievements**:

  - Solved 120+ problems on HackerRank

  - Completed Data Analysis and Machine Learning courses from Entri Elevate

  - Built an IoT-based full-stack project: Library Attendance Management System

- **Additional Skills**: Power BI, Machine Learning, Microsoft Excel, Google Colab, VS Code, API Concepts, Aptitude, Problem-Solving Skills

- **Data Analysis projects**:

  - **Excel** – Medical Healthcare Analysis

  - **Power BI** – Bank Loan Performance Analysis

  - **MySQL** – E-Commerce Customer Churn Analysis

  - **Python** – Marketing Campaign Performance Insights

  - **Machine Learning** – Heart Attack Risk Prediction (Youth vs Adults in China)