HARI PRASATH

☎ +91 90250 66849 ✉ hariprasath.qa@gmail.com 🔗 LinkedIn 🔗 GitHub 🔗 Portfolio

SUMMARY

Detailed-oriented professional transitioning into the field of Java Automation Testing proficient in Manual testing, Java and Test automation tools, with expertise in writing test cases, identifying bugs, and building automation scripts. Passionate about learning and contributing to testing processes. Seeking a QA Engineer role to grow my expertise.

TECHNICAL SKILLS

- **Programming & Scripting**: Java (Core Java, OOPS)
- **Automation Tools**: Selenium WebDriver
- **Testing Frameworks**: TestNG, Cucumber (BDD)
- **Version Control**: Git, GitHub
- **Containerization Tools**: Docker (Basic)
- **Build & CI/CD Tools**: Maven (Build), Jenkins (CI/CD integration)
- **Test Management**: JIRA, Xray (Basics)
- **Databases**: MySQL, SQL (Basics)

FUNCTIONAL SKILLS

- **Manual Testing**: Test case writing, Bug Tracking and Reporting, SDLC / STLC
- **Automation Testing**: Selenium WebDriver, Java, CI/CD integration
- **Selenium Grid**: Parallel test execution across browsers/platforms
- **Data-Driven Testing**: TestNG, Apache POI, Excel/CSV, Jackson JSON integrations
- **Behavior-Driven Development**: Cucumber, Gherkin, feature files and step definitions
- **Hybrid Framework**: Page Object Model (POM), modular, data-driven approaches
- **Logging & Reporting**: ExtentReports / ChainTestReports, Log4j

PROJECTS

Luma E-commerce (Simulated Web Application)   **View on GitHub**

- Developed end-to-end **functional testing**, covering key user workflows like Customer Login, New Account Registration, product search, cart management, and checkout.
- Achieved 75% automation coverage using **Selenium WebDriver**, reducing manual effort by automating frequently used features. By using Hybrid framework automated with multiple test cases by using **Data-Driven Testing** approach
- Implemented **Selenium Grid** for **cross-browser testing**, ensuring compatibility across Chrome, Firefox and Edge. Utilized **Docker** to create Linux-based environments, enabling cross-platform compatibility across different browsers.
- Automated test scripts and integrated them into the **Jenkins** (CI/CD pipeline) for continuous test execution.

BestBuy E-commerce Web Application   **View on GitHub**

- Implemented **Behavior-Driven Development (BDD)** using **Cucumber** and **Gherkin** syntax, writing test cases in plain English. To align technical and non-technical people.
- Automated 50% of test cases using **Selenium WebDriver** with reusable **step definitions**, reducing manual effort and improving testing maintainability.
- Executed **parameterization** allows to run the same **test scenario** with different sets of data, by using **Examples** and **DataTables** executed **Data-Driven** approach by inputting different data from external sources like Excel and JSON files.

EXPERIENCE

Process Associate   **02/2023 - 10/2024**
Tata Consultancy Services   *Chennai*

CERTIFICATIONS

Automation Testing with Selenium Java – [GUVI IIT] (2024)   **View Certificate**

EDUCATION

Sankara College of Science and Commerce   **2022 - 2024**
Masters of Science in Computer Science

Sankara College of Science and Commerce   **2019 - 2022**
Bachelor of Science in Information Technology