

## PUJARI MADHAVA RAJU

Email: madhavaraju86@gmail.com | Mobile: +91 9676081532

### PROFILE SUMMARY

- Over 4.3 years of experience as a QA Engineer specializing in manual and automation testing of web applications and APIs.
- Extensive experience (3.3 years) in automation testing using Selenium WebDriver with Java and Python, and API testing with Postman and RestAssured.
- Proficient in implementing Automation Frameworks such as BDD with Cucumber (Java) / PyTest-BDD (Python) and Page Object Model (POM).
- Expertise in developing, maintaining, and enhancing automation scripts using Selenium WebDriver.
- Strong skills in Behavior-Driven Development (BDD) with tools like Cucumber and PyTest-BDD.
- Integrated automation with TestNG (Java) and PyTest (Python) for advanced test management, parallel execution, and reporting.
- Skilled in writing XPath and CSS Selectors for accurate element identification.
- Integrated automation scripts with GIT for version control, using BitBucket for code repository management and Jenkins for CI/CD pipelines.
- Proficient in designing and executing detailed manual test cases for functional, regression, integration, and UI testing.
- Expertise in defect tracking using JIRA, collaborating with development teams to ensure timely resolution.
- Advanced SQL skills for database validation, data integrity checks, and verifying backend processes.

### SKILLS

**Automation Tools:** Selenium WebDriver, GRID, Postman, RestAssured

**Languages:** Core Java, Python

**Frameworks:** BDD with Cucumber/Behave, TestNG, PyTest, PageObjectModel

**Test Management & Defect Tracking:** QC ALM, JIRA

**Version Control & SCM:** GIT, BitBucket

**Build Tools & CI/CD:** Maven, Jenkins

### PROFESSIONAL EXPERIENCE

#### **Automation Test Engineer**

Lumbini Elite Solutions, Bangalore -- Dec 2022 – Apr 2024

#### **Software Test Engineer**

ITC Infotech, Bangalore -- Mar 2020 – Dec 2022

## EDUCATION

B.Tech, JNTU, Anantapur, 2017

## PROJECTS

**Project #1:** IConnect, Safexpress

**Tools & Tech:** Selenium WebDriver, Java, Postman, RestAssured, GIT, Cucumber, BitBucket, TestNG

### **Description:**

iConnect is a web-based logistics and supply chain management platform used by Safexpress. It enables efficient order tracking, shipment management, and customer interactions.

### **Responsibilities:**

- Enhanced the automation framework for BDD with project-specific customizations.
  - Developed automation scripts using Selenium, Java, Cucumber, TestNG, and POM.
  - Created Cucumber feature files, step definitions, runners, and hooks for seamless test automation.
  - Integrated BDD scenarios with POM for modular and reusable test code.
  - Executed parallel automated tests across multiple browsers and environments.
  - Conducted manual testing and managed defects using JIRA, ensuring timely resolutions.
  - Participated in Agile ceremonies, supporting sprint planning and retrospectives.
  - Collaborated with stakeholders to align test coverage with business requirements.
- 

### **Project #2: IBIS**

**Tools & Tech:** Selenium WebDriver, Python, PyTest, GIT, GitHub, Jenkins

### **Description:**

Application for managing corporate and individual bookings, calendars, notifications, and payments.

### **Responsibilities:**

- Thoroughly understood business needs and translated user stories into detailed, effective test cases.
- Revamped the Selenium-based automation framework using Python, Behave, and Pytest, adding custom utility functions to optimize testing processes.
- Crafted comprehensive feature files with detailed scenarios and outlines, and implemented robust step definitions to align with business logic.

- Performed manual test execution and automated test scripts every sprint, ensuring high-quality deliverables with consistent test coverage.
  - Identified, logged, and actively followed up on defects, working closely with developers to expedite issue resolution and improve software quality.
  - Generated insightful test reports, providing clear updates on testing progress and results to all project stakeholders, fostering transparency and informed decision-making.
- 

### **Project #3: BELL, Canada**

**Tools & Tech:** Manual Testing, Selenium, Java, TestNg, Maven

#### **Description:**

Application for managing corporate and individual bookings, calendars, notifications, and payments.

#### **Responsibilities:**

- Analyzed requirements and developed comprehensive test cases for manual testing of functionalities.
- Executed manual test cases, identified defects, logged issues, and worked with developers for timely resolutions.
- Developed and maintained automated test scripts using Selenium WebDriver, TestNG, and Cucumber for functional and regression testing.
- Enhanced the automation framework by integrating reusable functions and updating scripts for application changes.
- Actively participated in Agile ceremonies, providing insights on testing progress, defect status, and quality metrics.
- Collaborated with cross-functional teams, ensuring alignment of testing efforts with project requirements and timelines.