

# Harsha K R

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Bengaluru, Karnataka

## Professional Summary

Experienced **Senior Quality Engineer** with over 2.5 years of expertise in **manual and automated testing**. Proficient in **creating automation frameworks** from scratch and refactoring existing ones for scalability and reusability. Successfully **refactored an automation framework** to be used as a **dependency across all Java projects**, significantly enhancing consistency and reducing maintenance efforts. Strong background in **performance testing, API testing**. Adept at collaborating with cross-functional teams to ensure high-quality software releases in Agile environments. Passionate about **continuous learning** and mentoring junior engineers to promote best practices.

## Technical Skills

- **Automation Tools:** Selenium WebDriver, JMeter, Appium, TestNG, Rest-Assured, Postman
- **Programming Languages:** Java, JS
- **Version Control:** GitHub
- **CI/CD:** Jenkins, GitHub Actions
- **Testing Types:** Functional Testing, Regression Testing, Performance Testing
- **API Testing:** POSTMAN
- **Databases:** MySQL
- **Methodologies:** Agile/Scrum, Test-Driven Development (TDD)
- **Others:** Jira, Selenium Grid, Apache Maven, Apache Jmeter

## Professional Experience

- **Senior Quality Engineer**
  - **EOX Vantage | Bengaluru | May 2024– Present**
  - Spearheaded the automation testing efforts across multiple projects, developing complex test scripts and frameworks for large-scale applications.
  - Led the effort to integrate AI tools for smarter testing, enhancing the effectiveness and speed of test execution and reporting.
  - Implemented performance testing strategies using JMeter, which improved application scalability by identifying bottlenecks early in the development process.
  - Collaborated with cross-functional teams to ensure that testing aligned with business requirements and product roadmaps, providing valuable insights to optimize product development.
  - Played a key role in preparing and executing test strategies for production releases, ensuring that all software was thoroughly tested before deployment.

- **Quality Engineer**

- **EOX Vantage | Bengaluru | Apr 2023 – Apr 2024**
- Designed and developed robust automation frameworks from scratch for web applications using Selenium WebDriver and TestNG.
- Worked closely with product managers and developers to perform requirement analysis, ensuring the development of tests based on the latest specifications.

- **Junior Quality Engineer**

- **EOX Vantage | Bengaluru | Jul 2022 – Apr 2023**
- Assisted in manual testing of web applications, contributing to the identification and resolution of critical issues.
- Performed regression testing and bug reporting using Jira, significantly improving the quality and performance of the product.
- Executed functional, integration, ensuring the accuracy and reliability of product features.
- Developed and maintained simple test scripts for Selenium WebDriver to automate basic test cases, reducing manual effort and increasing testing efficiency.
- Collaborated with developers and the testing team to ensure smooth communication and timely bug fixes in an Agile environment.

## Education

- **Bachelor of Engineering in Mechanical**  
University BDT College Of Engineering | Davanagere | 2021

## Certifications

- **Manual and Automation Testing** from QSpiders.
- **Selenium WebDriver with Java – Basics to Advanced + Frameworks** by Rahul Shetty from Udemy.
- **JMETER From Scratch on Live Apps** by Rahul Shetty from Udemy.

## Personal Projects

- **Automation Testing Framework:** Developed a test automation framework for a complex e-commerce website using Selenium WebDriver and Java. As an upgrade to this, refactored and converted the above framework in to a maven dependency which can be used across any Java Automation Framework as a Utility.
- **Fake Data Generator Website:** Created a static website using Bootstrap to generate fake data for testing purposes. The site features functionality to download data in multiple formats for real-time practice.
- **Sample Automation Practice Site for beginners:** Created and hosted on GitHub, this static site, built with Bootstrap, serves as a hands-on platform for beginners to practice automating simple test cases. The site offers a variety of interactive modules, helping users enhance their skills in test automation through real-world examples.

## Personal Portfolio & GitHub

- [Portfolio](#)
- [GitHub](#)
- [Automation Testing Practice Page](#)
- [Fake Data Generator](#)

## References

- Available upon request