

# Raj Kumar Barnwal

## Test AUTOMATION ENGINEER

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### PROFESSIONAL SUMMARY

Results-driven QA Automation Engineer with over 3+ years of experience designing and implementing scalable automation frameworks using Selenium, REST Assured, and TestNG. Strong expertise in Java, CI/CD pipelines (Jenkins), Agile methodologies, and behavior-driven testing (BDD) using Cucumber. Proven track record of reducing manual effort, enhancing test coverage, and improving delivery efficiency.

### SKILLS

**Automation Tools:** Selenium WebDriver, REST Assured, Postman, TestNG, JUnit, Cucumber (BDD)

**Programming Languages:** Java (Primary), Python (Basic)

**CI/CD & DevOps:** Jenkins, Git, Maven

**Testing Types:** Functional, Regression, API, UI, WMS Testing

**Databases:** SQL

**Collaboration Tools:** Jira, Zephyr, SharePoint

**Web Technologies:** HTML, CSS, JavaScript

### WIPRO

Software Engineer

Bangalore, India

April 2022-Present

### TJ MAXX

- Developed and executed over 150 automated test scripts using Selenium WebDriver and TestNG, resulting in a 40% reduction in manual regression effort.
- Conducted API testing using REST Assured and Postman to validate backend services, increasing API test coverage by 60%.
- Participated actively in Agile ceremonies—daily stand-ups, sprint planning, retrospectives—to ensure continuous improvement and collaboration.
- Tested Manhattan-based Warehouse Management Systems (WMS), covering inventory, shipping, and order processing, ensuring end-to-end workflow integrity.
- Implemented Jenkins-based CI/CD pipelines, reducing build validation time by 35%.
- Developed BDD-style test scripts using Cucumber for improved stakeholder understanding and collaboration.
- Wrote complex SQL queries for backend validation during integration and system testing.
- Managed Managed test cases and defects via Jira and Zephyr; maintained documentation on SharePoint.

### EDUCATION

KIIT University

Bhubaneswar, Odisha

B.Tech – Information Technology (CGPA- 8.18).

July 2018- May 2022

### PROJECTS

#### Nutrition Calculator | HTML, CSS, JavaScript

March 2021

Played a key role in developing a health and diet management websites using HTML, CSS, and JavaScript, aimed at helping users manage their health and track their calorie intake.

### ACHIEVEMENTS AND CERTIFICATES

- Azure-900 Fundamentals.
- 3 Star on hacker-rank coding