

# ARITRA DEY

Automation Test Engineer

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## PROFESSIONAL SUMMARY

Skilled Automation Test Engineer with 3+ years of experience specializing in Selenium WebDriver, Java, and TestNG. Proficient in integrating BDD with Cucumber, proficient in API testing using Postman and Rest Assured, experienced with Agile methodologies and JIRA to enhance team collaboration. Focused on delivering high-quality testing solutions through strong analytical skills and attention to detail.

## SKILLS

- |                     |                           |
|---------------------|---------------------------|
| • Selenium          | • Java                    |
| • BDD with Cucumber | • TestNG                  |
| • Postman           | • Rest Assured            |
| • MySQL             | • Snowflake               |
| • JIRA              | • Git                     |
| • Jenkins           | • Agile Scrum Methodology |

## WORK HISTORY

03/2023 to Current

### Automation Test Analyst

Tata Consultancy Services – Kolkata

- Leveraged **Selenium WebDriver** with **Java** to design and execute comprehensive test suites, developed and executed detailed test scenarios and cases improving overall automation test coverage by 25%.
- Integrated **BDD** with **Cucumber** to improve test communication, aligning testing with business requirements and increasing collaboration by 20%.
- Performed **MySQL** and **Snowflake** database testing to validate data integrity, reducing data-related defects by 30%.
- Collaborated in **Agile product release cycles**, utilizing **JIRA** and **Confluence** for test management and reporting,

06/2021 to 02/2023

### QA Automation Engineer

Wipro Technologies – Pune

- Extensive experience testing **browser-based software products**, ensuring cross-browser compatibility and identifying UI/UX issues, leading to a **20% reduction in post-release defects**.
- Analyzed user stories in collaboration with **Product Owners**, ensuring a clear understanding of **Acceptance Criteria** and aligning them with test cases. Successfully reduced ambiguity in requirements, leading to a **15% improvement in test coverage**.
- Conducted **BDD walk-throughs** with **Product Owners** using **Gherkin syntax** to ensure clarity and alignment of requirements.

## PROJECTS

**Project Domain :** Utility

**Project Duration :** April 2023 - Present

**Roles and Responsibilities :**

- Participated in Utility domain project focused on automating key testing processes, significantly improving test efficiency and effectiveness.
- Engineered and deployed Automation Framework using Selenium and Java, enhancing test efficiency.
- Implemented TestNG for Unit Testing and developed Feature Files in BDD with Cucumber for improved communication and collaboration.
- Performed Database testing Using Snowflake and MySQL for data integrity and quality enhancement
- Fostered team collaboration to diagnose and rectify software defects in defect triage, huddle meetings, adhering to Agile Scrum Methodology.

**Project Domain :** Banking

**Project Duration :** December 2021 - February 2022

**Roles and Responsibilities :**

- Leveraged Automation Testing using Selenium for web based applications
- Performed API testing using Postman, ensuring API integrity and functionality.

## EDUCATION

2021

**Bachelor's in Technology**

**University of Engineering And Management - Kolkata**

## CERTIFICATION COURSES

- Selenium WebDriver and Java - Learn Automation with Selenium, Udemy
- Masterclass Software Testing with JIRA and Agile, Udemy
- The Complete JAVA Certification Course, Udemy

## AWARDS

- Got awarded with 'TCS Gems Award' for receiving recognition of outstanding performance and contribution to project success.
- Achieved First Place in Inter School Debate Championship and recognized for exceptional strategic abilities amidst competitive peers.