

# Bharati Basumatary

## QA Automation Engineer

+91-8421815365 | bharatibasumatary099@gmail.com | Pune, India | LinkedIn: [bharati-basumatary-9a39421b7](#)

### SUMMARY

---

QA Automation Engineer with **5+ years** of experience in **manual and automation testing**, specializing in **Banking, Telecom, and Payment domains**. Expertise in **Selenium WebDriver (Java), TestNG, and Cucumber (BDD)** for building scalable automation frameworks. Proven track record of reducing manual effort by **40%** and improving regression cycles through **CI/CD integration** using **Jenkins**. Strong experience in **API testing, SQL validation, Agile** methodologies, and collaborating with cross-functional teams to deliver high-quality, reliable, and performance-driven software solutions.

### EXPERIENCE

---

#### QA Engineer

##### Brain Vision Technology

📅 03/2024 📍 Pune, India

- Designed **comprehensive test plans and test cases**, ensuring high-quality product delivery across web applications
- Built and optimized **Hybrid automation framework** using **Selenium WebDriver, Java, TestNG, and Maven**, reducing manual testing effort by **40%**
- Integrated automated test suites with **Jenkins CI/CD pipelines**, enabling faster regression cycles
- Implemented **BDD framework using Cucumber** for improved collaboration between QA and business teams
- Performed API testing using **Postman**, automated APIs using **REST Assured**, and validated backend data using **SQL**
- Designed and executed 100+ test cases for loan management workflows, ensuring high defect detection rate
- Led functional, regression, integration, and UAT testing efforts, improving test coverage and ensuring product quality
- Collaborated with developers and product owners to **clarify requirements and identify defects early**, improving product quality
- Managed defect reporting and lifecycle using **JIRA**, reducing defect resolution time by **25%**
- Analyzed test execution results and generated detailed reports for stakeholders

#### QA Engineer

##### Innominds Software

📅 09/2023 - 11/2023 📍 Pune, India

- Developed **Selenium WebDriver** automation scripts using **Java** with **TestNG** framework, increasing test coverage by 30%
- Tested real-time payment systems, ensuring seamless bill payment workflows
- Defined end-to-end **test cases** for payment workflows, including bill generation, payment processing, and confirmation
- Examined payment transactions and billing data using **SQL queries**, ensuring data integrity and consistency
- Analyzed **test results and generated reports** to ensure quality and readiness for production release

#### Software Engineer (QA)

##### Cybage Software

📅 07/2022 - 06/2023 📍 Pune, India

- Built automation solutions for key banking workflows using Selenium WebDriver (Java)
- Handled API validation using **Postman** to ensure consistent responses
- Covered **functional, regression, and integration** testing across multiple modules
- Verified data accuracy using **SQL**
- Recorded and managed defects using **JIRA**
- Worked in **Agile Scrum** teams for continuous delivery and quality assurance

#### Software Engineer

##### Web Minds IT Solution

📅 09/2020 - 06/2022 📍 Pune, India

- Structured and implemented **manual test cases** for an online examination platform
- Oversaw end-to-end **workflows** including **login, submission, and results processing**
- Strengthened security features to maintain data protection and exam integrity
- Enhanced application functionality and stability through **functional** and **regression** testing
- Logged defects and ensured timely resolution using **JIRA**

## EDUCATION

---

### B. Tech

Dr. A.P.J. Abdul Kalam Technical University

📅 08/2016 - 09/2020 📍 Lucknow, India

## CERTIFICATIONS

---

### ISTQB Foundation Level:

- Certificate Number: 00603136

## KEY ACHIEVEMENTS

---

- Reduced manual testing effort by 40% through automation
- Improved regression testing efficiency via CI/CD integration
- Increased test coverage by 30% using automation frameworks

## SKILLS

---

**Automation Testing:** Selenium WebDriver, Cucumber (BDD), TestNG, Page Object Model (POM), Data-Driven Framework, Test Automation Framework

**Programming Languages:** Java, SQL, JavaScript

**API Testing:** REST API (Postman), REST Assured

**CI/CD:** Jenkins

**Testing Types:** Functional Testing, Regression Testing, Integration Testing, Smoke Testing, User Acceptance Testing (UAT), Web & Mobile Testing

**Tools & Technologies:** JIRA, Git & GitHub, Maven, Zephyr, Postman

**Methodologies:** Agile (Scrum), SDLC & STLC, Defect Life Cycle

## PROJECTS

---

**Project Name:** Built Technology ODC

**Domain:** Construction Finance / Real Estate (Banking)

**Application Type:** Web Application

### Responsibilities:

- Ensured quality of the **construction finance platform** through **manual** and **automation** testing
- Produced test automation scripts using **Selenium WebDriver** with **Java**
- Used **XPath** and **CSS selectors** for dynamic web element handling
- Ensured accuracy of **loan processing**, **fund disbursement**, and **reporting modules**
- Worked on **API testing using Postman**
- Identified and followed up on **defects** using **JIRA**
- Collaborated with Agile team in **Scrum environment**

**Tools Used:** Selenium, Java, TestNG, Postman, JIRA

---

**Project Name:** Auto Payment Integration with Credit Card

**Domain:** Telecom (Payment Integration)

**Application Type:** Web + API

### Responsibilities:

- Checked **payment gateway integration** for secure transactions
- Audited real-time **payment processing** and **billing system integration** to ensure reliable transaction flow
- Evaluated **payment service APIs** for accuracy and reliability in **transaction processing**
- **Selenium and TestNG** were used for **regression** test case creation
- Ensured **payment success/failure scenarios** and **error handling**

**Tools Used:** Selenium, Java, TestNG, Postman, JIRA

---

**Project Name:** Global Banking Platform

**Domain:** Banking

**Application Type:** Web Application

**Responsibilities:**

- Tested banking operations like account updates and customer data management
- Investigated **microservices-based architecture** using **API testing** to ensure service reliability
- Assessed functional and regression testing scenarios to ensure application stability
- Created and executed **test cases and test scenarios**
- Logged defects and monitored them in **Agile** environment

**Tools Used:** Postman, JIRA, Zephyr

---

**Project Name:** ASSESSMENT LAB (Online Examination Platform)

**Domain:** Ed Tech

**Application Type:** Web Application

**Responsibilities:**

- Reviewed online examination system for performance and security
- Validated user login, exam flow, and result generation
- Examined **cross-browser** functionality for consistency
- Ensured data security and exam integrity features
- Worked on **test case** design and execution

**Tools Used:** Postman, JIRA, Azure DevOps

## **LANGUAGES**

---

**English** – Proficient

**Hindi** – Native