
Dushyant Bhupendrabhai Trivedi

QA Engineer

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Professional Biography

Diligent and detail-oriented QA Automation Professional with a solid foundation in both manual and automated testing, enabling seamless execution of end-to-end testing across a wide array of platforms. Highly skilled in leveraging automation tools and scripting to deliver high-quality software products within agile environments. Strong advocate for test automation best practices, promoting efficient workflows and increasing coverage while reducing manual intervention.

Professional Synopsis

Results-driven QA Automation Engineer with over 5 years of experience in designing, developing, and executing automated testing solutions to ensure optimal software quality and performance. Proficient in both front-end and back-end testing, with expertise in designing robust test scripts, developing end-to-end automation frameworks, and implementing CI/CD pipelines for streamlined deployment. Known for a meticulous approach to defect tracking, issue resolution, and a strong commitment to upholding software quality standards. Skilled at collaborating with crossfunctional teams to deliver efficient, scalable testing solutions that meet dynamic project needs.

Technical Skill Sets

Automation Tools

- **Selenium:** Developed complex end-to-end test cases, customized for dynamic web applications.
 - **Appium:** Implemented automated testing on mobile platforms (Android/iOS) for responsive and performance validation.
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Programming & Scripting Languages

- **Java:** Built data-driven test cases for complex business logic validations.
- **Typescript:** Wrote concise automation scripts for web UI testing.

Frameworks

- **TestNG:** Constructed modular test frameworks for continuous and automated regression testing.
- **Cucumber:** Developed behavior-driven development (BDD) tests for a clear understanding between QA and business stakeholders.

Defect Tracking & Management

- **JIRA with Zephyre:** Extensive experience in defect lifecycle management, creating and managing sprints.
- **Azure Devops:** Documented issues for historical data analysis and sprint planning.

Continuous Integration / Continuous Deployment

- **Jenkins:** Configured pipelines for automated testing and build processes.
- **GitLab CI:** Implemented testing stages in CI/CD workflows, ensuring smooth deployments.

API Testing

- **Postman, REST Assured** Designed comprehensive API test cases for RESTful services, ensuring accuracy in data handling.

Work Experience

Quauto Technologies, Indore - *QA Engineer*

June 2019 - PRESENT

Projects Experience

1. ECommerce Automation Testing Suite

- **Role:** QA Automation Engineer

- **Objective:** To build a comprehensive automation testing framework for a major online retail platform, enhancing test coverage and reducing regression time.
- **Responsibilities:**
 - Developed data-driven Selenium scripts for order processing, checkout flows, and payment validation.
 - Integrated TestNG with Jenkins to establish a CI/CD pipeline, achieving 40% faster regression cycles.
 - Used Cucumber for BDD, allowing business teams to understand and modify test scenarios.
- **Tools & Technologies:** Selenium, TestNG, Cucumber, JIRA, Jenkins
- **Achievements:** Increased test coverage by 35% and reduced critical bugs by 20% by catching issues in the early stages of development.

2. Mobile Banking Application - Functional and Security Testing

- **Role:** Senior Test Engineer
- **Objective:** To ensure quality and security compliance for a mobile banking application across Android and iOS platforms.
- **Responsibilities:**
 - Designed and executed Appium Test scripts for mobile App testing, ensuring functionality across devices.
 - Collaborated with DevOps for CI/CD integration and performed API security checks.
- **Tools & Technologies:** Appium, Jenkins, Postman, REST Assured
- **Achievements:** Improved test execution speed by 50% and played a key role in passing the security audit with no high-severity vulnerabilities.

3. Web API Automation Framework for Healthcare SaaS

- **Role:** Senior Test Engineer
- **Objective:** To automate the backend API testing of a healthcare software solution, reducing manual testing efforts.
- **Responsibilities:**
 - Built reusable REST Assured scripts for endpoint testing, validating response codes, data accuracy, and performance.
 - Automated verification of critical workflows, including patient record updates and health data synchronization.

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- **Tools & Technologies:** REST Assured, Java, Postman, Jenkins
 - **Achievements:** Reduced regression cycle time by 60% and established a

system of automated alerts, which decreased release delays.