

Bilal Hussain / Software Test Engineer

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📍 Pammal, Chennai - 600075.  <https://github.com/Bilalb786>

Summary

ISTQB Certified Software Test Engineer with 3.4 years of hands-on experience in manual and automation testing for web/mobile apps. Skilled in Selenium, Postman, TestNG, and CI/CD pipelines with strong knowledge of Agile methodologies. Proven ability to reduce critical bugs by 20% and accelerate regression testing by 30% using robust automation scripts. Committed to delivering reliable and efficient software solutions through a structured and methodical approach to testing.

Core Competencies

- Manual & Automated Testing
- Test Planning & Test case Design, Defect Management.
- Agile Methodologies
- Regression, Functional, API Testing, Cross-Browser Testing, Mobile Testing (Android), CI/CD Integration and Load/Performance Testing.
- Excellent Communication & Documentation Skills

Professional Experience

QA Associate Engineer

Hurix systems private limited 2024 Sep - Present Kilpauk, Chennai.


- Executed comprehensive manual and automated testing on multiple web applications, identifying critical defects, functional issues, and performance bottlenecks to ensure product stability and optimal user experience.
- Designed, developed, and maintained automated test scripts using Selenium WebDriver with Java, focusing on both regression and functional testing to streamline the testing process and reduce manual testing time.
- Collaborated closely with cross-functional teams, including developers, product managers, and business analysts, to understand application requirements and enhance test coverage, ensuring all user stories were thoroughly validated.
- Led test planning efforts, including the creation of test cases, test scripts, and test data, based on detailed product specifications and requirements, ensuring accuracy and coverage across all test scenarios.
- Performed cross-browser and cross-device testing to ensure seamless user experience and consistent functionality across various browsers (Chrome, Firefox, Safari, Edge) and devices (desktop, tablet, mobile).
- Worked with CI/CD pipelines using Jenkins to automate deployment and testing, contributing to a more efficient, faster release cycle with continuous integration and delivery.
- Managed defect lifecycle, including logging, tracking, and prioritizing issues using tools like JIRA, and worked with developers to ensure issues were addressed promptly and thoroughly tested post-fix.
- Conducted smoke, sanity, and regression testing to ensure that new builds met quality standards and that previously identified issues were properly resolved.
- Performed API testing using tools like Postman and REST Assured, validating backend services and ensuring that data flow and response times met expectations.
- I'm working on contract based and my payroll company name is Talent Maximus.

Automation Software Engineer

ABLEST TECH 2024 Jan - April 2024 Madipakkam, Chennai.

- Performed manual and automated testing on a variety of web-based applications to ensure functionality, performance, and security, identifying and reporting critical defects.
- Created and maintained automated test scripts using Selenium WebDriver with Java, focusing on functional and regression test cases to enhance efficiency and repeatability.
- Partnered with the development team to investigate and resolve issues, contributing to faster turnaround times for bug fixes and improvements.
- Assisted in the design and development of test plans and test case documentation based on business requirements and user stories, ensuring comprehensive test coverage.
- Conducted thorough cross-browser testing to verify that the application functioned consistently across a variety of browsers (Chrome, Firefox, Safari, Edge) and devices (desktop, tablet, mobile).
- Contributed to the implementation of CI/CD pipelines using Jenkins, streamlining the build, deployment, and testing processes to improve release cycles and overall productivity.

Awards

 **BRIGHT BEGINNER (2021 - 2022)**
Flyerssoft Pvt Ltd

Technical Skills

Project Management

JIRA

Version Control

GitHub Bit Bucket

Testing Tools

Java Groovy TestNG Framework
Selenium WebDriver Katalon studio
Maven Eclipse Postman API
BDD Cucumber frameworks Cypress

CI/CD Tools

Jenkins

Other Tools

Maven Apache JMeter, Google sheet API

Documentation Tools

Excel Word Power Point Notion

Operating Systems

Windows

ACHIEVEMENTS

- Improved test coverage by 25% through a comprehensive suite of test cases for critical application features.
- Detected and documented 100+ defects, resolving high-priority bugs before production.
- Automated regression tests using Selenium, cutting manual testing time by 30% and boosting release speed.

Certifications

- STQB Certified Tester – Foundation Level (CTFL)
- International Software Testing Qualifications Board (ISTQB)
- Issued: Jun 2025

ACHIEVEMENTS

- Successfully delivered a complex project with zero critical
- defects and within the timeline.
- Achieved 100% client satisfaction and on-time completion.
- Transforming the current Tech strategy for developing products.

Junior Software Engineer

Flyers Soft Private Limited 2021 - 2023 Perungudi, Chennai.

- Performed manual and automated testing on web-based applications to validate functionality, usability, and security, identifying and reporting critical issues to improve product quality.
- Created and maintained automated test scripts using Selenium WebDriver and Java, focusing on automating functional and regression test cases to increase testing efficiency and consistency.
- Collaborated with developers to reproduce and troubleshoot defects, contributing to timely bug fixes and continuous improvement of application features.
- Assisted in writing detailed test plans and test cases based on business requirements and user stories, ensuring full coverage of testing scenarios.
- Conducted cross-browser and cross-device testing to ensure the application functioned correctly across different browsers (Chrome, Firefox, Safari, Edge) and platforms (desktop, tablet, mobile).
- Contributed to the CI/CD pipeline setup using Jenkins, helping automate the testing process and enhance the efficiency of deployment and release cycles.

Projects

IMS Items Banking

Description of the project: Item Banking is a question and test authoring application where users can create and store questions in a Question Bank, which serves as a repository for adding questions to tests. These tests are then presented to students through the item Banking interface, designed to mimic the official exam experience. The upcoming sections outline the functionalities in-scope and out-of-scope for Item Banking.

Roles and Responsibilities:

- Analyze requirements and create test plans focused on core LMS functionalities like course management, enrollment, and reporting.
- Define the scope for functional, usability, performance, and security testing.
- Identify, document, track, and retest defects using tools like JIRA. Collaborate with developers to resolve issues efficiently.
- Automate regression and smoke tests using tools like Selenium and Appium. Focus on workflows like enrollment and grading.
- Performance Testing: Conduct performance and load tests to ensure the LMS supports high user volumes and scales effectively during peak loads.
- Work with product managers and developers, report test results, and participate in Agile ceremonies to improve processes.
- Conduct performance and load tests to ensure the LMS supports high user volumes and scales effectively during peak loads.
- Develop and execute test cases for course management, user roles, registration workflows and assessments. Perform API, mobile, and cross-browser testing.

RBC Salesforce

Description of the project: RBC Wealth Management, a division of RBC Capital Markets, provides trusted advice And wealth management solutions for individuals, families, and institutions.

Roles and Responsibilities:

- Review and analyze software requirements, user stories, and use cases to define testing objectives and priorities.
- Develop detailed test plans and strategies that ensure complete test coverage.
- Design and execute manual and automated test cases for functional, regression, integration, and performance testing.
- Identify, log, and prioritize software defects using defect tracking tools like JIRA.
- Perform retesting and regression testing to validate fixes and prevent recurrence.
- Create and maintain automated test scripts for repetitive test scenarios using tools like ICAP, Qtest.
- Integrate automated test cases with CI/CD pipelines for efficient and rapid testing.
- Test for security vulnerabilities and ensure data protection through encryption and secure authentication mechanisms.
- Actively participate in Agile ceremonies such as sprint planning, daily stand-ups, and retrospectives.

ACHIEVEMENTS

- Successfully delivered a complex project with zero critical
- defects and within the timeline.
- Achieved 100% client satisfaction and on-time completion.
- Collaborated with development and product teams, reducing post-release defects by 20%.

Business Domain/Function

- LMS domain

Environment/Tools

- JIRA, Manual testing, Automation Testing, Cucumber, Java Selenium Webdriver, GitHub.

Business Domain/Function

- CRM Management

Environment/Tools

- JIRA, Hexawise, Qtest, ICAP, GitHub, Postman API.

Omnex Health Care

Description of the project: Omnex specializes in Management Systems implementation and software solutions encompassing Quality, Environmental, Occupational Health and Sustainability, along with Supply Chain Management, Functional Safety.

Roles and Responsibilities:

- Review and analyze requirements to identify test scenarios and write detailed test cases.
- Execute manual and automated test cases for functional and regression testing.
- Identify and document defects, ensuring they are well-reported with clear reproduction steps.
- Collaborate with developers to understand issues and validate defect fixes.
- Gain hands-on experience with automation tools like Selenium, TestNG, or Appium.
- Contribute to creating and maintaining test scripts for automation testing.
- Provide detailed test reports and communicate testing progress during Agile ceremonies like stand-ups.
- Continuously learn about domain knowledge, testing tools, and methodologies to grow in the role.

Edenred & C3 Pay mobile application

Description of the project: Analyze payroll system requirements and develop comprehensive test plans and cases. Test user roles and permissions for HR, payroll administrators, and employees. Validate the accuracy of automated processes like tax deductions, benefits management, and compliance reports.

Roles and Responsibilities:

- Assist in analyzing requirements and creating basic test cases under the guidance of senior testers.
- Execute manual test cases and report defects in tools like JIRA or Bugzilla.
- Learn and apply testing techniques such as boundary value analysis, equivalence partitioning, and exploratory testing.
- Participate in team meetings and gain knowledge of the testing lifecycle and methodologies.
- Shadow senior testers during test execution and defect triaging.

Languages

- English
- Tamil
- Hindi

Business Domain/Function

- CRM Management

Environment/Tools

- JIRA, Automation Testing, Katalon Studio, GitHub.

Business Domain/Function

- CRM Management

Environment/Tools

- Manual Testing, Jira, Postman API

EDUCATION

Bachelor of Computer Application
Tamilnadu Open University
2020 - 2022 Saidapet, Chennai.

Diploma in EEE
IRT polytechnic college
2018 - 2020 Chrompet, Chennai

HSC
Chromepet Boys higher secondary school
2017 - 2018 Chrompet, Chennai

SSLC
Contomment Board High school
2015 - 2016 Pallavaram, Chennai

I affirm that all the information provided in this resume is accurate and authentic. I take full responsibility for the details mentioned and will provide supporting documents upon request.

Sincerely,
Bilal Hussain K