

ADITYA RAJ

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Technical Skills

Testing Expertise: Test Automation, Software Testing, GUI Testing, Load Testing, API Testing, Manual Testing

Test Development: Test Case Design, Test Strategy, Test Development

Tools & Platforms: Git, GitHub, Jira, Visual Studio Code, Jmeter, Postman

Other Skills: Debugging, Problem Solving, Cross-Platform Testing

Experience

Qikfox Cybersecurity Systems

March 2023 – Present

QA Engineer

Noida, Uttar Pradesh

- Implemented robust test automation frameworks, reducing manual testing by 60% and accelerating release cycles.
- Performed API testing to ensure seamless backend integration and efficient data flow across applications.
- Conducted load testing simulating up to 300,000 concurrent users, optimizing system reliability and scalability.
- Validated WebRTC functionalities, achieving a 20% improvement in call quality and connection stability.
- Identified and resolved 400+ critical bugs through manual testing, ensuring a 70% defect detection rate.
- Developed 600+ detailed test cases, boosting overall test coverage by 45%.

Projects

Get-A-Handle Application

September 2024

Postman, Selenium, JWT, Identity Wallet

- Validated end-to-end user workflows, including Sign Up, Sign In, and OTP verification using mock services.
- Tested and ensured the accuracy of the Identity Wallet functionality for issued and revoked credentials while maintaining secure JWT session token management.
- Conducted functional and UI testing for cart page features and login flows, ensuring high-quality releases with zero critical bugs.

Onqik Unified Communication Application

November 2023

IndexedDB, JMeter, WebSocket Testing

- Designed and executed load tests for the Email and Talk micro-applications, simulating real-world scenarios with concurrent user traffic.
- Implemented WebSocket and HTTP-based test strategies to evaluate performance and reliability under high traffic conditions.
- Created automated scripts to extract and summarize key performance metrics, making it easier to analyze results and improve application performance.

Browser Testing

March 2023

GUI Testing, Selenium, XPath, Python, WebDriver Manager

- Designed and implemented 120+ automated test cases, ensuring robust validation of browser functionalities
- Developed comprehensive test cases achieving 90% test coverage for critical browser functionalities, including tab grouping, bookmark syncing, and extension management.
- Conducted rigorous testing for AI Co-pilot features, ensuring seamless user interaction and prompt generation for complex workflows.
- Identified and resolved critical issues, including local storage inconsistencies across profiles and session retention bugs.

Education

Patliputra University

Aug. 2021 – May. 2024

Bachelor of Science in Information Technology

Patna