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Quality Analyst - Test Automation Engineer

Professional Summary

Quality Analyst with over 2 years of experience in both manual and automation testing, with hands-on expertise in Playwright, Selenium, and Postman. Proven ability to build scalable test frameworks, manage defect tracking through JIRA, and streamline QA processes using CI/CD pipelines. Demonstrated success in identifying over 2,000 defects, resulting in significant improvements in product quality and testing efficiency.

Experience

Quality Analyst

Midnay Tech Private Limited, Kozhikode

April 2023 – Present

- Developed and executed over 500 test cases, identifying 2,143 defects and contributing to a 30% improvement in overall product quality.
- Automated repetitive testing scenarios using Python, significantly reducing manual workload and enhancing test efficiency.
- Designed and executed JavaScript-based UI test scripts to ensure responsive and cross-browser compatible web applications.
- Performed comprehensive API testing with Postman, ensuring functional integrity, performance benchmarks, and security compliance.

- Improved defect resolution turnaround by 18% through rigorous JIRA-based tracking and detailed documentation.
- Led the implementation of AI-enhanced automation tools, increasing test coverage and optimizing QA workflows.
- Collaborated closely with UI/UX and development teams to align software functionality with business objectives and improve user experience.
- Mentored junior QA analysts in manual, automated, and AI-powered testing approaches to establish consistent QA standards.
- Developed and maintained end-to-end automated test scripts using **Playwright**, ensuring compatibility across Chromium, Firefox, and WebKit.
- Integrated Playwright test suites into CI/CD pipelines using **GitHub Actions**, enabling efficient and reliable nightly regression testing.
- Enhanced regression testing speed by 40% and increased coverage of critical UI/UX paths.

Quality Analyst (Apprenticeship)

Midnay Tech Private Limited
December 2022 – April 2023

- Built the company's QA framework from the ground up, standardizing manual testing processes.
- Introduced JIRA for streamlined defect tracking and interdepartmental issue resolution.
- Coordinated with product and development teams to ensure high-quality software delivery through exhaustive manual testing.

Technical Skills

- **Testing Tools:** Selenium, Playwright, TestNG, Postman
- **Defect Tracking:** JIRA
- **Programming Languages:** Java, Python, SQL

- **Development Practices:** Agile Methodologies, CI/CD (GitHub Actions), Manual Testing
 - **Web Technologies:** HTML5, CSS3
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Education

Bachelor of Technology in Electronics and Communication Engineering

Amal Jyothi College of Engineering, Kanjirappally

August 2014 – August 2018

- Specialized in circuit design and embedded systems, gaining hands-on experience in hardware-software integration.
- Received Innovation Hub funding for a project demonstrating entrepreneurship and teamwork.

Intermediate (10+2)

St. Paul's Public School, Thrissur (CBSE)

August 2012 – August 2014

Certifications

- Foundation Course on Software Testing – Stanford University (Nov 2024)
 - Software Testing – LinkedIn Learning (Jan 2024)
 - SQL – Codecademy (Nov 2022)
 - Software Testing Specialist – NACTET (Dec 2022, Grade: A+)
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Awards and Achievements

- **Engineering Excellence Award** – Marian College of Engineering
- **FACT (Forensic Aptitude and Caliber Test) Certification**

- **Certified Fiber Optics Specialist** – BSNL
 - **Innovation Hub Project Grant** – Amal Jyothi College of Engineering
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Languages

- **English:** Fluent
- **Malayalam:** Advanced