

INDRA PRASHANTH S J

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SUMMARY

Skilled **Quality Assurance Engineer** with about 2 years of expertise in test automation, database management, and continuous integration/continuous deployment tools, delivering efficient and reliable testing solutions.

SKILLS

Programming Stack: Java, JavaScript, SQL, Python, C, C++, C#

Testing Frameworks & Tools: Selenium, JMeter, Appium, Cucumber, TestNG, JUnit, Playwright, Postman, SoapUI, SQL Developer

Database Management Systems: PostgreSQL, SQLite, MySQL Workbench, Oracle Database, Firebase, MongoDB

Continuous Integration/Continuous Deployment (CI/CD) Tools: Jenkins, GitLab, Azure DevOps

WORK EXPERIENCE

Larsen & Toubro Infotech, Information Technology

India | Jan 2021 – Jul 2022

Quality Assurance Engineer, Retail & Corporate Banking

- Spearheaded development and execution of test plans and strategies for multiple Web and Mobile Application projects, elevating testing efficiency by 25% within an agile development environment.
- Utilized Selenium to construct hybrid test frameworks for automation, leading to a 20% decrease in testing duration, facilitating cross-browser validation, eventuating in a saving of 15 hours per testing iteration.
- Validated data integrity, robust error handling, and stringent security protocols for over 100 API interactions using XML and JSON requests and response in Postman and SoapUI, resulting in a 25% enhancement in software reliability.
- Implemented Continuous Integration/Continuous Deployment practices leveraging Jenkins, effectively optimizing testing workflows and accelerating time-to-market by 20%.
- Established and maintained test data sets with SQL Developer ensuring 95% accuracy in automated test outcomes.
- Collaborated with development teams to implement unit tests and code reviews, resulting in a 15% decrease in code-related defects identified during testing phases, ensuring adherence to code and quality standards.

Jr. Quality Assurance Engineer, Retail & Corporate Banking

- Boosted efficiency by 15% by meticulously writing test cases, test scripts, and scenarios through requirements analysis, leveraging TestRail, Selenium WebDriver, and Jenkins to optimize test coverage and efficiency.
- Introduced risk-based testing methodologies, prioritizing high-risk areas, and reducing overall testing effort by 20% while maintaining test coverage.
- Coordinated comprehensive root cause analyses for critical defects, leveraging historical defect data, resulting in a 15% reduction in recurrence rates and post-release defects.
- Conducted usability testing sessions with end-users, gathering valuable feedback to improve user interface design and overall user satisfaction, leading to a 15% increase in user engagement metrics.
- Contributed to a 30% reduction in onboarding time for new team members by effective documentation of test plans, cases, and guidelines using Confluence.

Corptia, Information Technology

Egypt | May 2019 – Jul 2019

Web Developer Intern

- Implemented clean, efficient, and maintainable code utilizing HTML, CSS, JavaScript and React.js, resulting in streamlined development processes, enhanced user experience, and improved overall performance of web applications.
- Debugged and troubleshooted issues within the existing codebase, utilizing Chrome and Firefox Developer Tools, and debugging techniques with console logging and network monitoring.

EDUCATION

Master of Science in Software Engineering, Cleveland State University

USA | Aug 2022 – Present

PROJECTS

E-Commerce – Web Application Testing

Mar 2023 – May 2023

Executed complete Manual testing lifecycle as part of my Software Quality Assurance Coursework, utilizing TestRail for test planning, Microsoft Excel for test case creation and execution, defect tracking, and generating test results reports using TestRail.

Epic Eats – A Restaurant Website

Jan 2024 – Present

Leading the development of a dynamic Restaurant website for my Software Engineering Coursework, leveraging HTML, CSS, JavaScript, React.js, Node.js and SQLite for database. Emphasizing milestone achievement and thorough Manual Testing.

CERTIFICATION

Certified Tester Foundation Level – Agile Tester

Mar 2024

International Software Testing Qualifications Board