

INDRA PRASHANTH S J

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TOOLS & TECHNOLOGY

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

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

Database Management Systems: PostgreSQL, SQLite, MySQL Workbench, Oracle Database, Firebase, MongoDB, Microsoft SQL Server Management Studio

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

Version Control System Tools: Git, Mercurial

PROFESSIONAL EXPERIENCE

Quality Engineer, Larsen & Toubro Infotech | Chennai, India | May 2021 – Jul 2022

- Spearheaded development and execution of test plans and strategies for 5+ Web and Mobile Application projects, elevating testing efficiency by 25%.
- Leveraged Selenium and Cucumber to automate testing processes, resulting in a 30% reduction in testing duration and enabling thorough cross-browser validation, ultimately saving 20 hours per testing iteration.
- Validated data integrity, robust error handling, and stringent security protocols for over 100 API interactions using Postman and SoapUI, resulting in a 25% enhancement in software reliability and a 10% reduction in post-release defects.
- Implemented Continuous Integration/Continuous Deployment practices leveraging Jenkins, thereby streamlining testing workflows and slashing time-to-market by 40%.
- Enhanced stakeholder satisfaction by 15% through detailed quality reports via Jira and TestRail, facilitating prompt issue identification and informed decision-making.
- Established and maintained comprehensive test data sets with SQL Developer and TestRail, resulting in a 20% enhancement in test coverage and ensuring 95% accuracy in automated test outcomes.

Jr. Quality Engineer, Larsen & Toubro Infotech | Mumbai, India | Jan 2021 – May 2021

- Contributed valuable insights during test plan reviews, leading to improvements in test coverage, software quality, and alignment with project objectives.
- Showcased adeptness in crafting and overseeing intricate test cases, scripts, and scenarios, resulting in a 20% decrease in the time required for test case generation.
- Performed meticulous manual testing encompassing functional, regression, and user experience testing, ensuring adherence to rigorous quality standards.
- Documented test plans, cases, and guidelines using Confluence, contributing to a 30% reduction in onboarding time for new team members.

Web Developer Intern, Corptia | New Damietta, Egypt | May 2019 – Jul 2019

- Collaborated closely with senior developers to design and develop web applications, contributing to the creation of responsive and visually appealing interfaces.
- Played a crucial role in debugging and issue resolution, utilizing browser developer tools and server-side debugging techniques to ensure the delivery of high-quality web solutions.
- Participated actively in code reviews, providing valuable feedback to enhance code quality and maintainability.

ACADEMIC WORK

Epic Eats – A Restaurant Website | Jan 2024 – May 2024

- Leading the development of a dynamic Restaurant website for a client in India as part of my Software Engineering Course work with a focus on meeting project milestones promptly, ensuring a 95% on-time delivery rate.
- Implementing Agile methodologies to improve project efficiency and client satisfaction, laying a foundation for streamlined development processes and adaptability to evolving requirements.
- Conducting thorough testing and providing ongoing support during the development phase, ensuring the website's reliability, performance, and readiness for launch

CERTIFICATION

Certified Tester Foundation Level – Agile Tester (CTFL-AT), International Software Testing Qualifications Board | Mar 2024

EDUCATION

Cleveland State University | Cleveland, Ohio | Aug 2022 – May 2024

Master of Science in Software Engineering

Anna University | Chennai, India | Aug 2016 – May 2020

Bachelor of Engineering in Computer Science and Engineering