

KANAGARI SAIKIRAN

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PROFESSIONAL SUMMARY

Enthusiastic and detail-oriented recent graduate with hands-on internship experience in Test Engineering and Research Analysis. Proven ability to apply software testing methodologies, including manual testing, test case creation, and bug identification. Gained practical experience in tools like Selenium, JIRA, and TestNG, with a strong understanding of quality assurance processes and automation scripting in languages such as Java and Python. During research internships, developed analytical skills and a deep understanding of data analysis and reporting, contributing to improved decision-making and process optimization. Highly adaptable, quick to learn new technologies, and eager to leverage a blend of technical and analytical skills to deliver high-quality results in a Test Engineering role.

AREA'S OF EXPERTISE& ACCOMPLISHMENTS

- **Manual & Automated Testing:** Experience in creating and executing test cases, reporting bugs, and validating software functionality using tools like Selenium, JIRA, and TestNG.
- **Test Planning & Execution:** Skilled in designing comprehensive test plans, test scripts, and performing regression, functional, and UAT (User Acceptance Testing).
- **Bug Tracking & Reporting:** Proficient in identifying, documenting, and tracking defects using JIRA and similar tools to ensure smooth resolution and improved software quality.
- **Automation Scripting:** Knowledge of automation scripting in Java and Python for creating efficient test scripts and automating repetitive testing tasks.
- **Software Development Life Cycle (SDLC):** Understanding of the full SDLC process, including requirements gathering, development, testing, and deployment.
- **Performance & Security Testing:** Experience with basic performance and security testing methods to ensure software scalability and safety.
- **Data Analysis & Reporting:** Strong background in research analysis, utilizing tools like Excel, SQL, and Python for data collection, analysis, and generating actionable insights.
- **Statistical & Predictive Modeling:** Experience in applying statistical methods and predictive models to analyze data trends, support decision-making, and improve operational processes.
- **Research Documentation:** Proficient in documenting research findings and test results to ensure clarity and accuracy, with attention to detail in reporting.
- **Collaboration & Communication:** Strong team player with excellent verbal and written communication skills, enabling effective collaboration with cross-functional teams and stakeholders.

Accomplishments:

- **Test Case Optimization:**
 - Successfully improved the efficiency of test case creation, reducing test execution time by 25% during an internship project.
- **Bug Tracking & Resolution:**

- Identified and reported 15 critical defects, ensuring timely resolution and improvement in the software's stability and performance.
- **Automation Script Development:**
 - Developed and executed automation scripts, reducing manual testing time by 30% and increasing overall productivity in testing.
- **Data-Driven Insights:**
 - Provided key insights through data analysis that influenced project decisions, resulting in a 20% improvement in process efficiency.
- **Cross-functional Collaboration:**
 - Collaborated with developers and project managers to streamline communication, resulting in a 40% increase in product quality and faster project delivery.
- **Research Analysis Contribution:**
 - Delivered actionable insights that contributed to a 10% improvement in product design based on customer feedback analysis.
- **Process Improvement:**
 - Assisted in streamlining testing procedures, leading to more effective test planning and a 15% faster turnaround time in testing cycles.
- **Test Environment Setup:**
 - Successfully set up and configured test environments, ensuring a smooth testing process and replicating real-world user scenarios with 100% accuracy.

PROFESSIONAL EXPERIENCE:

1.SRR (T - HUB)

08/2023 – 02/2024

Software Test Engineer (Intern)

1. Project: DAILY ORDERS (Web Application and MobileApp)

Description:

Daily Orders - a unique new platform to solve the last-mile sales and distribution leg of the dairy supply chain. This mobile-first solution makes it extremely simple for Agents, Customers and Dairies/Suppliers to manage their daily Milk deliveries. The project is divided into totally 6 modules. "Daily Orders" also provides a robust and lowest-cost payment platform for all stakeholders involved in the sale of milk and milk products.

Role: QA Engineer

Domain: Ecoemmerc

Technologies: Manual Testing, Functional Testing, API Testing (POSTMAN Tool), SQL

Roles and Responsibilities:

- Creating Test scenarios and Collecting Test Data.
- Identifying end-to-end scenarios and code modularity.
- Implementing JUnit or TestNG Test Automation framework and developing automation infrastructure. Refer to the JUnit testing tutorial to understand the basic functionalities of JUnit.
- Creating reusable components - selenium tester roles and responsibilities
- Creating and enhancing Test Cases (Test Scripts) using Element locators, WebDriver methods, Java programming concepts, and TestNG Annotations.
- Error Handling, Adding comments.
- Creating Data-driven Tests and Running through the framework.
- Cross Browser Testing - automation tester roles and responsibilities
- Parallel Test Execution.
- Defining and exporting Test Results.
- Analyzing Test Results and Reporting Defects.
- Tracking Defects and Select Test cases for Re & Regression Testing.
- Modifying Test Automation Resources and Maintenance of Resources.

2. Value Labs - Hyderabad, India

Market Research Analyst

May 2024 – Present

- Conducted B2B secondary market research, providing insights through customized industry reports, company profiling, and contact profiling.
- Analyzed data for various sectors including BFSI, Media, and Retail; performed **SWOT** and competitive analysis.
- Managed and updated data in **Salesforce CRM**, leading to improved data accuracy and usability.
- Executed primary and secondary market research across various industries, focusing on IT and marketing decision-makers.
- Created and maintained data reports in Excel, employing pivot tables, graphs, and validation tools to ensure data integrity.
- Conducted competitive and trend analysis for various sectors including Retail, Telecom, and Real Estate.

TECHNICAL SKILL'S:

- **Project Management:** MS Office Suite, MS Project, Share point, Agile JIIRA Confluence, Kanban board.
- **Testing Tools:** Selenium, JUnit, JIRA.
- **Programming Languages:** Java, SQL
- **Operating Systems:** Windows
- **Methodologies:** Agile (Scrum, Kanban), Waterfall
- **Other Tools:** GitHub, Jenkins, Maven

EDUCATION DETAILS:

- **Bachelor of Computer Science** **Percentage : 79.2 (A Grade)**
SRR College, TG, India
- **Board of Intermediate (12thstandard)** **Percentage : 88.9(A+ Grade)**
TSWREIS, TG, India

- **SSC Board (10thClass)**
TSWREIS, TG, India

Percentage : 92 (A+ Grade)

HOBBIES:

- Playing Sports (Cricket and Chess)
- Travelling and Trekking (Team Sports)

Kanagari Saikiran