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| **Ramya. S. S**  Software QA Engineer | | |
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| |  | | --- | | **CONTACT** | | **(+91) 9972946094** | |  | | **ramya.shivakumar09@gmail.com** | |  | | **Bengaluru, INDIA** | |  | | **linkedin.com/in/ramya-shivakumar** | |  | | **EDUCATION** | | **Bachelor Of Engineering-ME,**  *Graduated from* **BMS Institute of Technology**  – Bengaluru, IND | | **TRAINING** | | **Pursued Software testing in QSpiders.**  Learned about Manual /Automation testing, SQL, Selenium, Core Java, API testing, and Fireflink. | | **CERTIFICATIONS** | | **Software test engineer** certification by **QSpiders** | | **Core Java** by **QSpiders**  **PROGRAMMING LANGUAGE**  **Java**  Good knowledge of **OOP's concepts**.  Hands-on experience in **exception** handling.  Good knowledge of **Collection** and **Object Class**  **TOOLS**  Maven, Jenkins, ALM, FireFlink, Selenium, TestNG, TestRail, Postman, Jenkins, GitLab CI/CD | | **SKILLS** | | Black-Box testing, White Box testing, (Manual/Automation), Selenium, TestNG, Maven, Core Java, JIRA, Agile or Scrum development environment, Jenkins, SQL, Git, GitHub, ALM, Test rail. | | |  | | --- | | **PROFILE** | |  | | Experienced, customer-focused, and analytical QA test engineer with a proven track record in Software testing and QA with web-based, and client/server applications developed in C, Java/J2EE, .Net, VB, HTML, etc. Excellent understanding of all phases  of software testing life cycle and SDLC including Business Requirements analysis, System Environment setups, Design documentation, and summarizing system-specific business rules for completeness, accuracy, and testability. | |  | | **PROFESSIONAL EXPERIENCE** | |  | | **QA ENGINEER – II**  Unosis IT Solutions Pvt Ltd Dec 2022-Till date   * Tested Desktop, and web applications using **Selenium WebDriver** and **Java.** * Developed test suite outlining test scope, objectives, resources, and schedule for **e-commerce** and **healthcare** domains with **agile methodology**. * Created Junit testcases for e-commerce application using **Maven Framework**. * Implemented a comprehensive automated regression testing framework for a **web-based e-commerce platform**, enhancing the overall testing efficiency and ensuring the delivery of high-quality software. * **Identified, reported, and tracked** software defects using tools such as **Jira**, ensuring timely resolution and maintaining clear communication with development teams. * **Proven ability** to handle a **list of web elements, pop-ups, and list boxes**. * Executed test cases manually and utilized automated testing tools to **improve**   **efficiency**.   * **Implemented and maintained** automated test scripts using **Selenium,** increasing test coverage and reducing testing time for repetitive tasks. * **Collaborated with developers to integrate** Rest API’s, Payment Gateway, Maps, Firebase, Push notifications etc, automated testing into the **continuous integration/continuous deployment (CI/CD**) pipeline. * Worked on around **5 projects** based on web applications.   **QA ENGINEER**  Bosch Limited Jan 2021 - Nov 2022   * Developed and executed test cases for the modules to ensure **functionality, security, and data integrity**. * Developed **installation scripts** to automate the test cases. * Worked closely with the team to ensure **build processes and configuration management (CM**) best practices are followed. * Generate and maintained **software build procedure documentation.** * Plan and manage **build release activities and coordinate** across multi-site team. * Oversee maintenance of **source code repository** (Jenkins/SVN). * Manage **the software build and release process.** * Work with software developers as needed to help diagnose and identify the root cause of problems found during software integration. Submit **problem reports** for errors found. * Coordinate execution of **SW integration** and tests to verify system operation.   **Key achievements**  • Recognized by the business unit as the Star achiever for the year 2021.  **SOFTWARE TEST ANALYST - I**  MaySpire Technologies Pvt Ltd Mar 2019 – Dec 2020   * **Understanding** the requirements thoroughly from the **CRS document.** * Identified scenarios and written **Functional, Integration, and ad hoc test cases.** * Performing **manual and automation** testing on the **ERP application** in various testing cycles. * Executed test cases for **Smoke, Component, Integration, and System Testing**. * Automated **Resource Planning web application** using Selenium. * Actively involved in **logging defects** using the **Defect tracking tool**. * Developed **SQL queries** to perform backend testing of the database. * Handling **Emergency patches** and **General patches**. * Implemented Automation Frameworks like **Page Objects framework, Keyword Driven framework, Method Driven framework,** and **Hybrid framework**. * Supported the **QA manager** with preparing the test plan outlining the project releases. * Participated in **requirement review sessions** to ensure testability and **software development life cycle.** | |
| **------------------------------------------------PROJECTS------------------------------------------------**  **QUANTUMCART**  **QUANTUMCART** is a web-based application belonging to the **retail domain**. It allows the client to run the business online. The modules in the application are Customer, Admin, and Super Admin. This application eases the process of selling as well as buying the products. Here this application talks about how the customer communicates to purchase the products. It is one of the online shopping websites where products are available to customers all the time.   * **Understanding** the Customer-specific requirements and writing testing code to fulfill the **CRS**. * **Developed Java-based scripts** to automate End-to-End Testing for Customers, Super Admin, and Admin modules. * Participated in **test execution** throughout various testing phases, employing both **manual and automated** methods. * Involved in the implementation and execution of the Selenium WebDriver automation framework (Hybrid) for Regression Test Suites (**TestNG and Maven**). * Used Xpath to inspect the XPath of the **dynamic and static** web elements. * Collaborate with developers to **analyze and troubleshoot** reported issues using **JIRA**. * Generating Work Progress Reports and communicating the reports to the **Test Lead**. * Conducted **root cause analysis** to understand and address the underlying issues leading to defects.   **WELHAM HEALTHCARE SYSTEMS**  **WELHAM HEALTHCARE SYSTEMS** is a web-based B2C application. It allows the client to manage important hospital activities like employee details, patient history, and blood donor information. It also allows patients to book appointments online. The application helps employees namely doctors, nurses, pharmacists, laboratories, and accountants of the hospital to manage their day-to-day activities which **improves the overall processing efficiency**. It Is the perfect app for healthcare professionals looking for flexibility, convenience, and simple scheduling of quality shifts. This application is developed to keep track of all activities and reduce the burden of their records on paper.   * Tested the **UI and Integrated the Rest APIs** of the whole application. * **Identified** scenarios and written test cases for the requirements. * Reviewed Test cases and updated the **review comments**. * Involved in **giving KT sessions and reviewing Test Cases** for junior team members. * Participated in **Sprint Planning, Retrospective, Bug Triage** meetings. * Participated in regular team meetings, providing valuable input and insights to **improve overall software quality**. * Worked closely with development teams, product managers, and other stakeholders to ensure a clear **understanding of requirements** and **project goals.**   **INSIGHTGUARD**  **INSIGHTGUARD** offers a business solution tailored for clients within the **manufacturing sector**. This solution enables them to monitor every stage of operations, starting from proposal creation to the ultimate product delivery to customers. The system comprises distinct modules, namely Sales, Manufacturing, Stocks, Purchase, Accounts, and Logistics.   * **Involved** in the setup of the project environment, testing discussion, and understanding CRS. * **Evaluate** the user interface and overall usability of manufacturing applications. * Identify and resolve issues related to **data flow and system integration**. * Create and maintain **test documentation**, including test plans, test cases, and test reports. * Ensure that all testing processes are **well-documented and aligned** with project requirements.   **SUPPLY/DOSING MODULE(SM/DM)**  The supply module is responsible for ensuring the proper handling and transportation of data related to the reduction of nitrogen  oxides within the simulated exhaust system. The testing of the Selective Catalytic Reduction (SCR) system aims to validate that it  effectively assists virtual vehicle manufacturers in complying with both current and future simulated emission standards. Similarly, the  dosing module, a key component in the virtual Bosch system, is subjected to testing to confirm its contribution to the reduction of  simulated nitrogen oxide emissions within the exhaust system. The testing process assesses the accurate dispersion of the simulated urea-water solution within the virtual exhaust system. Overall, the implementation of the virtual Bosch system is rigorously tested to  ensure that it supports simulated customers in **adhering to current and anticipated emission regulations within the software**  **environment.**   * **Involved** in the initial setup of the project, design discussion, story review and mapping, story estimation, and story grooming. * Building **a well-designed, efficient, & testable code** with impact analysis as per the requirements of the client. * Actively involved in writing and maintenance of test scripts and their execution using the **TestNG framework**. * Closely coordinating with the stakeholders to understand & prioritize the requirements of the application. * Testing the application by frameworks like Junit for unit testing (code and branch coverage) and **Postman** for integration testing (functional coverage).   **QUALIHUB ERP NEXUS**  **QUALIHUB ERP NEXUS** functions as an **Enterprise Resource Planning (ERP) system**, serving to monitor various business assets such as accounts, raw materials, sales, and logistics, along with tracking the progress of business commitments like customer orders and purchase orders. Within Daimler, data input is carried out by all departments, including manufacturing, purchasing, sales, accounting, and stocks. The system effectively oversees the entire supply chain process, from the procurement of inventory to processing and eventual shipment to customers.   * Developed a Hybrid automation framework in Java by using **the Page Objects framework.** * Identify **Locators on the web page** and write an X-path for dynamic elements. * Involved in developing library files and preparation of test data for automation. * Performing **Batch execution and Report generation** using TestNG. * Reading and Writing data in Excel files using **Apache POI library**.   **ReQuest Analytics**  **ReQuest Analytics** is a **healthcare-focused project** designed for research purposes, where it centralizes and manages data generated from various research activities. These activities include tasks such as developing new molecules, Deploying Nova Flex drops, executing individual plant runs, generating barcodes, and conducting experiments related to fucose.   * Created the **Keyword-Driven Testing (KDT) framework**, handling both design and development aspects. * **Participated** in Test scenario identification, authoring, and reviewing of test scripts. * Utilized library functions to enhance script functionality. * Detected bugs and forwarded them to the development team, including screenshots and log files in the Chrome, Internet Explorer (IE) browsers. * Generated comprehensive reports and accompanying screenshots. * **Conducted** regression testing in preparation for the upcoming release. * Established a page object repository library for efficient test script creation. * Wrote test cases using TestNG in the Eclipse integrated development environment. | |