**Sireesha Byreddy**

**Software Test Engineer**

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**PROFESSIONAL SUMMARY:**

* Over 2+ years of experience in **Software testing** and **Computer System Validation.**
* Specialized in user requirement analysis, documenting test plans, execution of test cases to verify application functionality against business requirements.
* Extensive working experience in **Functionality, GUI** and **Regression Testing**.
* Good experience in design and execution of Test Cases and Scenarios.
* Involved in complete **Testing Lifecycle**.
* Good Knowledge on **Software Development Life Cycle** (**SDLC**).
* Experience in **Product testing** and **Agile methodologies.**
* Application performance testing using **JMeter**.
* Proficient in status reporting and issue escalations.
* Preparation, Review and Execution of Qualification Documents As per **21CFR** Part 11 (**VP, URS, IQ, OQ, PQ, Traceability Matrix (TM), &VSR).**

**Educational Qualifications:**

* B.Tech from Mallareddy Institute of Technology and Science, Hyderabad 2017 with 65%.
* Intermediate from Sri Chaitanya Junior college, Vijayawada 2013 with 83%.
* S.S.C from Pratibha Vidyalayam, Kalluru. 2011 with 84%.

**TECHNICAL SKILLS**

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| --- | --- |
| **Operating Systems** | Windows XP/7/8/10 |
| **Programming Languages** | Core Java |
| **Defect Tracking Tools** | Mantis |
| **Testing** | Manual Testing |
| **Databases** | Oracle |
| **Methodologies** | SDLC, Agile, Waterfall |

**PROFESSIONAL EXPERIENCE**

**MAKRO CARE CLINICAL & RESEARCH PVT LTD, HYDERABAD October 2018 - Present**

**Role: Software Test Engineer**

**Responsibilities:**

* Involved in requirement analysis meetings.
* Review requirement and design specifications and give timely feedback.
* Prepared test protocols and detailed test scripts and test data based on requirement and design specifications.
* Peer reviewed test scripts.
* Co-ordinate estimation efforts for test script preparation and execution.
* Executed test scripts and document detailed defect reports in defect tracking system.
* Report daily test status.
* Submit executed test scripts.
* Performed retesting and regression testing.
* Prepare requirement traceability matrix.
* Co-ordinate in summarizing validation results.
* Utilized Agile Methodologies (Scrum) to manage full life-cycle development of the project.

**Projects Undertaken:** Perform Regression and Retesting, Developed VP, URS, Risk Assessment (RA),OQ, VSR,Traceability Matrix (TM), Compliance Report (CR) and Validation Report (VR) Protocols’ for the following Machine’s as per 21 CFR Part11.

**PROJECTS IMPLEMENTED IN MAKRO CARE CLINICAL & RESEARCH PVT LTD, HYDERABAD**

**Project Name: Interactive Response Technology (IRT) Apr 2020- Present**

**Role: Validation Testing**

**Team Size: 5**

**Project Description:**

MIRT is a simple and robust web application for centralized Drug Supply management. It supports blinded studies in multi arm with a perfect solution to completely manage the entire supply chain thus ensuring proper kit dispensing and the monitoring of defective or damaged supplies. Using "Just-in-time" techniques, with real-time feedback from randomization, the system helps to achieve substantial cost savings by reducing drug supply wastage and distribution costs**.**

**Responsibilities**

* Involved in requirements analysis meetings and review.
* Preparation review of test cases.
* Performing testing and test cases Execution.
* Reporting of defects.
* Preparation of validation documentation
* Performing performance testing.
* Preparation of Deviation report forms and deviation log.

**Project Name: VISU Jul 2019 – Dec 2019**

**Role: Testing Engineer**

**Team Size: 3**

**Project Description:**

VISU (Product) is a Centralized Regulatory Information Management System (RIMS) that enables you to efficiently plan and track the regulatory activities, process, submissions and commitments related to your entire portfolio of Medical device products**.**

**Responsibilities**

* Involved in requirements analysis meetings and review.
* Preparation review of test cases.
* Performing testing and test cases Execution.
* Reporting of defects.
* Perform Regression testing
* Preparation of validation documentation.

**Project Name: REGai Apr 2019-Jun 2019 and Jan 2020- Mar 2020**

**Role: Validation Testing**

**Team Size: 5**

**Project Description:**

REGai is currently the TOP platform for automating several processes in Reg Affairs, Reg Ops, Regulatory Writing and CMC functions. Uniqueness to the platform is brought in by domain specific Ontologies built-in which helps companies leverage the knowledge in tool Day 1. From technology point of view, depending on the business function, it uses a combination of NLP (for reading from legacy pdf/word documents), NLG (for humanizing the text writing automatically) and BPM for workflows. Our Reg Intel database is integrated to provide real-time inputs into the strategy and change impact assessment. It also connects to other 3rd party systems like ERP, EDMS, RIM, EDC, SAS datasets, Change control, LIMS, and Excel files for effective data exchange.

**Responsibilities:**

* Preparation review of test cases.
* Performing testing and test cases Execution.
* Reporting of defects.
* Performing Regression, Performance testing.
* Preparation of validation documentation.

**Project Name: VISTAAR Dec 2018 - Mar 2019**

**Role: Testing Engineer**

**Team Size: 5**

**Project Description:**

VISTAAR, a global regulatory Artificial intelligence platform, is specially designed for the right decisions, faster access to accurate and authoritative global regulation. It extracts new regulations, changes in guidance, changes in regulatory policy and procedures from several health authority sources and classifies and clusters regulatory updates into applicable categories (Clinical, Marketing, Lifecycle, Manufacturing, Labeling, Safety and key areas) based on the inbuilt insights proprietary regulations. VISTAAR is a combination of Regulatory and Artificial intelligence (RI&AI) fully integrated to deliver “Intelligence” faster & cost effectively. It is customized to a product or a market and a unique suite for global regulatory information auto analysis. It extracts regulatory information by automatically classifying & clustering regulation to meet your business goals. At a click, it provides information about any change or alert about regulatory update to the company stakeholders.

**Responsibilities:**

* Preparation review of test cases.
* Performing testing and test cases Execution.
* Reporting of defects.
* Performing performance testing.