**Surya Katkam**

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# Professional Profile

* 3 years of IT industry experience in Software Testing with Experience in testing Web, Mobile Applications, **Natural Language Processing (NLP)**  and **Software as a Service (SaaS)** products.
* Trained in Microsoft Azure.
* Knowledge on deployments, Maintenance and troubleshooting applications on Microsoft Cloud infrastructure Azure.
* Knowledge on Designing and built cloud service models including Infrastructure-as-a-Service, Platform-as-a-Service, and Software-as-a-Service.
* Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
* Strong exposure on Waterfall and **Agile Methodologies.**
* Working experience in Domains such as **Bio – Pharmaceuticals and Healthcare.**
* Understanding Software Requirement Specification and identifying the required Test Scenarios for Projects.
* Good knowledge in Experience in development of test cases, Test Runs and Test Execution in **TFS (Team Foundation Server – Azure Devops)** tool.
* Excellent experience in Analyzing Business/Functional Requirements with attention to detail.
* Expertise on all the stages of **SDLC** and **STLC.**
* Presenting Demo for newly developed module to stakeholders and end users.
* Well-versed in different software testing techniques like Test Planning, Test Case Preparation, Test Execution, Bug reporting and Test case closure.
* Experience in executing Test Cases to test the application functionality against the requirements manually.
* Experience in testing the Functionality, Compatibility, Database, Regression and Server log files testing.
* Executed MySQL queries to view successful transaction of data by Conducting Database Testing.

# Professional Experience

**Bioclinica Pvt Limited**, Bengaluru - **Test Engineer, Nov2020 *–* Present.**

**PAREXEL International,** Hyderabad – **Associate Test Engineer** , November 2018 to July 2020.

**Shivam Medisoft Services Pvt Limited,** Hyderabad - **Software Test Engineer,** Hyderabad, India - March 2018 to August 2018.

# Educational Qualification

G. Pulla Reddy Degree College — **Bachelor’s in Computer Science**, affiliated to OU – 2016.

# Technical Skills

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| --- | --- | --- |
| RDBMS | : | MySQL, MS SSRS |
| Operating Systems | : | Windows, Linux |
| Testing Tools | : | Manual Testing, Automation, Azure Devops TFS,MTM,Microsoft Azure |
| Defect Reporting Tools | : | Bug zero, TFS, JIRA. |

# Project Details

**Company : BIOCLINICA Pvt Ltd, Bengaluru, India.**

**Project #1**

Project Name: **Auto Translator (Drug Safety Products)**

Client : UCB Pharma, TEVA.

Tools : Azure Devops, TFS, JIRA.

Role : Test Engineer.

Duration : Nov 2020 to Present

**Description:**

Auto Translator is a web-based application used for Translation of medical publication Journals , Articles written in 100 Plus languages and meeting the needs of the pharmacovigilance business process.

It’s developed in Python and NodeJS and hosted through the AWS Cloud environment.

The Translation happens with respect to the **NLP – Natural Language Processing** to summarize the keywords highlighted by it. Auto Translator is used by the personnel in Drug Safety (PV) and QA business division.

**Auto Translator Allows Business users to:**

* Identify the keywords with the help of NLP and group them to find the summary of the document.
* Manage users at a tracker and workflow level.
* Summarize the report analysis and trigger the email to the PV team according the analysis state.
* Manage quality of the data translation and Proof Reading for PV.
* Generate reports to cater to PV Management like QC report, Quality report and Allocation report.

**Responsibilities:**

* Prepared and Executed Test Cases as per System Requirements for modules.
* Performed various black box testing Methodologies Like functional testing, Compatibility Testing, Database Testing, Usability Testing and Regression testing.
* Defect Reporting and Tracking using TFS.
* Extensively performed Manual Testing process to ensure the quality of the software.
* Involved in testing the application in DEV/SIT environment.
* Involved in functional and UI testing.

Involved in performing smoke test for new build for widgets/functionality.

* Involved in attending weekly call with onshore team and sending daily reports to onshore team.

**Project #2**

Project Name: **LitTrace (Drug Safety Products)**

Client : Bausch Health Companies, J&J.

Tools : Azure Devops, TFS, JIRA.

Role : Test Engineer.

Duration : Nov 2020 to Present

**Description:**

LitTrace is a consolidated, end-to-end literature management product that manages and tracks medical journals detection and products validation, analysis, prioritization, assessment, recommendation for action and exchange of information. LitTrace integrates indirectly with the safety database to help manage the entire literature management process.

**Responsibilities:**

* Responsibility to understand the requirements of PBI’s.
* Responsibility to understand the functionality of the Application.
* Identify the Testable requirements & Test Scenario.
* Involved in writing Test cases by going through the requirements.
* Tracked the status of defects and provided a status report during daily meetings.
* Daily Status Meeting with the BA, Manager, Team members to discuss the current and future issues for testing plan as well as testing procedures.
* Responsible for executing Integration Testing, System Testing, Operational Qualification Testing, Regression Testing and 21 CFR part 11 Testing.
* Responsibility to creating the Test Summary document, Trace Matrix document.

**Company : PAREXEL International, Hyderabad, India.**

**Project #3**

Project Name: **ClinPhone® Randomization and Trial Supply Management (RTSM)**

Client : AstraZeneca, Regenron, Novo Nordisk, Novartis.

Tools : TFS, JIRA, Bug Zero.

Role : Associate Test Engineer (Validation Services).

Duration : Nov 2018 to Jul 2020.

**Description:**

## Our Team developed ClinPhone®4 interactive response technologies (IRT) to adapt to your needs. We’re set up to help you stay on top of difficult supply issues like adaptive trial designs, titration regimens, or medication pooling across multiple protocols. When combined with our full logistics and services, we give you the strength to proactively manage your clinical, ancillary, and lab supplies.

## **Solution Environment:**

## C Sharp, Java Script, .Net, Java, HP ALM, Selenium, MS Sql, Tomcat Application Server, Windows.

Roles and responsibilities as a Software Validation (CSV) in **ClinPhone®** 4 at PAREXEL International, Hyderabad.

* Writing and Executing the test cases.
* Reporting defects using defect tracking tool (Bug zero).
* Regression Testing, Retesting Defects and tracking till Closure.
* Participate in every phase of the study SQ validation.
* Actively working with the all-project members throughout the study.
* Actively participating in monthly SQ/OQ forums and suggesting my views towards the process development.
* Writing, Executing, and generating reports using PAREXEL Test Center (PTC).

**Company : Shivam Medisoft Services Pvt. Ltd , Hyderabad, India.**

**Project #4**

Project Name: **Hospital Management Systems**

Client : Ankura, Sunshine Hospitals.

Role : Test Engineer.

Duration : Mar 2018 to Aug 2018.

## **Description:**

## Shivam has developed a core package Shivam HMS which addresses all the major functional areas of hospitals. The Package has been developed on the latest relational database system technology Oracle and Java & Jasper Reports. The development environment ensures that Shivam HMS has the portability and connectivity to run on virtually all standard hardware platforms. HMS has many modules like OP, IP, Diagnostic, Pharmacy, Ward Management and Admin module.

## **Responsibilities:**

* Involved in the Requirements Review and participated in Requirement discussion with Business Analyst.
* Executed Functional, System, Integration Test cases.
* Converting Manual Test Cases into Automation Scripts.
* Conducted functional testing to ensure proper implementation of requirements.
* Involved in Reviewing Test cases.