

## **K. Penchala Rao**

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### **Objective:**

Seeking a challenging career to work in dynamic organization that extends opportunities for extensive learning and skill enhancement in Software Testing (DB Testing and Manual) and Quality Assurance Engineering where my abilities as Senior Software Test Engineer can be effectively utilized.

### **Profile:**

Result oriented individual with 5+ years of experience in Software Testing and which includes involved ETL Jobs, Manual, Functional, Mobile Applications, Test Execution and Defect Reporting.

### **Professional Summary:**

- Having 5+ years of professional experience in business requirement analysis and database ETL testing of various Enterprise Data warehousing Systems / Data Marts for Decision Support Systems Data Analytics Reporting Areas, Manual and Functional Testing.
- Expertise as a data warehousing specialist using cutting edge ETL tools and technologies like ETL/DWH Testing, Informatica Power Centre Tools, Oracle database and SQL.
- Experience in testing fact and dimension tables.
- Experience in testing initial and incremental loads.
- Experience in testing slowly changing dimensions.
- Hands on working experience in Preparing Test cases for the Data Warehouse.
- Good project working experience in Database Testing.
- Expertise in testing several analytical complex reports.
- Good knowledge on data profiling, data cleansing.
- Proficient Knowledge on Agile Methodology.
- Proficient knowledge on functional testing.
- Good analytical skills in the project implementation enhancements and production support areas. Supported and worked in various ETL complex data warehouse / data mart team(s) throughout the life cycle of the project. Was involved in requirement review phase, testing phase, pre/post production phases and maintenance of the Data Warehouses.
- Proficient in all the ETL (Extraction, Transformation & Load) techniques, Dimensional Schema Models (Star, Snow-Flake, OLAP), Data Cleansing and ETL, Analytics and Data reporting.
- Experience in HP Quality center, JIRA and Oracle SQL Queries.
- Good Knowledge on Jain rain Integration testing with aid of Postman tool.
- Training Chat-Bots using Microsoft QnA maker and testing trained utterances and article links.
- Experienced in testing Mobile Applications, Sharepoint Applications, Bigcommerce Tool, UI , Web Applications Pixel testing. SOAP UI, RESTFUL API. API testing through POSTMAN.

### **Work Experience:**

Working as a Senior Test Engineer in Mindtree India, Bangalore From Oct-2018 to Sep-2020.

Worked as a Software Tester for IBM India, Bangalore from Sep- 2016 to November-2016.

Worked as a Software Engineer for Chandusoft Technologies, Bangalore from July 2013 to Sept 2016.

**Education:**

Bachelor of Electronics And Computer Engineering from JNTU Ananthapur, A.P.

**Technical Skills:**

Testing	: ETL/DWH Testing & Manual Testing
ETL	: Informatica Power Center 9.5
Databases	: Oracle 11g
Operating Systems	: Windows 2008
Languages	: C, JAVA AND SQL.
Test Management Tool	: Quality Center
Data Access Tool	: TOAD 9.7.2
Framework Tool	: Selenium-JAVA, And basic knowledge on SOAP UI, RESTFUL API, APPIUM,

**Projects:****Profile #1:**

Project Name : DATALAKE JOURNEY STAGE GEN1

**Client: Diaeo Insights**

**Tools** : ADF 2.0, Azure Data lake Store, Azure Data Bricks, Blob Storage, SQL Data Warehouse, Login App.

**Description:** Diageo aims to embark on Data lake journey by identifying strategic functions, based on the business needs, available data and other new sources of data to improve their data related processes and empower business objectives by providing timely insights for effective decision making capabilities.

**Roles and Responsibilities:**

**Role: Senior Test Engineer**

- Managed and supported Diageo Data Lake.
- Project with workflows testing, Datasets, blob files validations and addressing the pipeline work flow status. Report directly to Project Manager.
- Prepared Test plan, Test Cases and executed.
- Validated all datasets, blob file and meta data in repository or staging.
- Executed including Power BI reports.

**Profile #2:**

Project Name : FATCA CRS  
Tools : Toad  
Language : SQL

**Client: TD BANK**

**Description:** This project was aimed at development of Central Data warehouse that captures Bank Customer information for the CRS and Non CRS Customer who are the residence of USA/CAN and others that enables analytics to help the organization to have a crystal clear approach towards IRS (USA).

**Roles and Responsibilities:**

**Role: Software Test Engineer**

- Understanding the BRD document.
- Prepared Test Data in Data Tool by understanding the scenarios.
- Executed the SQL queries in Toad database.
- Executed the test Cases in ALM for each test phase.
- Worked with different data sources like Flat Files, CSV Files, and MS Excel.
- Involved in validation and defect logging.
- Prepared test script for FATCA CRS file upload.
- Executed test scripts and collected the test files.
- Collected executed test results and prepared test reports.

**Profile #3:**

Project Name : Period By Orkid APP  
**Account**  
**Tools : Microsoft Teams, JIRA**

**Client: P&G**

**Description:** This project aim is predicting the next period days for the next month after every ovulation days based upon on-boarding user input values. And also with aid of this app user can set the target values on weight. User can log her moods daily basis. It has more features fitness details captured, monthly graphs and integrated chat-bot to support user questions.

**Roles and Responsibilities:**

**Role: Senior Test Engineer**

- Understanding the BRD document.
- Understanding each sprint user stories and preparing test deliverable checklist.
- Finding the RC for defects, and letting them to developer to solve the defect.
- Executed the test Cases in JIRA for each test phase.
- Each production release build preparing test deliverable and documents.
- Involved in validation and defect logging.
- Verifying the API's status and responses in POSTMAN.

**Profile #4:**

Project Name : Familycare App By PG  
Tools : Microsoft Teams, JIRA

**Client: P&G Account**

**Description:** This project aim is to capture user details on home Napkin Papers and it's storage Area names. Based upon storage details user can update product details and purchase them. Advantage of App is, user can scan the receipts and can reorder products very easily. User Can also manual enter his product entry details.

**Roles and Responsibilities:**

**Role: Senior Test Engineer**

- Understanding the BRD document.
- Understanding each sprint user stories and preparing test deliverable checklist.
- Finding the RC for defects, and letting them to developer to solve the defect.
- Executed the test Cases in JIRA for each test phase.
- Each production release build preparing test deliverable and documents.
- Involved in validation and defect logging.
- Verifying the API's status and responses in POSTMAN.

**Profile #5:**

Project Name : SharePoint / BigCommerce Applications  
**P&G**  
Tools : Microsoft Teams, JIRA, Selenium-JAVA.

**Client:**

**Description:** SharePoint application is Portfolio Phase1 And Portfolio Phase 2. The aim of the project or application is to capture the each plant details and it's project details. Project application differentiated with two different projects Local projects and Global projects. All Project details should captured to dash board and global project admin has permission to access the local project details.

**Roles and Responsibilities:**

**Role: Senior Test Engineer**

- Understanding the BRD document.
- Understanding each sprint user stories and preparing test deliverable checklist.
- Preparing test plan by understanding the user stories which is written by BA.
- Finding the RC for defects, and letting them to developer to solve the defect.
- Executed the test Cases in ALM for each test phase.
- Each production release build preparing test deliverable and documents.
- Involved in validation and defect logging.
- Executed test scripts and collected the test files.
- Collected executed test results and prepared test reports.

**Profile #6:****Business of Client: E-COMMERCE****Client Name : Monteisa**

Environment : INFORMATICA 9.5, QC, TOAD

**Project Summary:**

1) PROJECT NAME	My Voucher Codes
Client	Monteisa
Solution Environment	Informatica 9.5, Oracle 11g, TOAD
Domain	E-Commerce

**Description:** Monteisa, which is one of the organization that sells various numbers of products . Monteisa have various stores across UK, which maintains Sales, Profits with lots of historical data. This project was to create Sales Data Warehouse and generate reports using Reporting services. The aim of sales data Warehouse is to analyze the sales and profit in Quarterly wise and yearly wise. The data gets refreshed yearly and is maintained historically. This Data warehouse plays a major role in enabling various stores to view the data at a lowest level and help them to make decision to bring more revenue to company with new policies.

**Roles and Responsibilities:****Role: Software Engineer**

- Requirement Analysis.
- Involved in functional study of the application.
- Test Data preparation to validate all possible scenarios.
- Test plan preparation with detailed test case's using SQL Queries.
- Verifying the ETL data in target database.
- Verified column mapping between source and target.
- Reporting daily testing status. Defect Analyzing and Reporting in QC.

**(K.Penchal Rao)**