

# BAHUBALI MAHAVIR KURKUT

BE | Test Specialist | DWH Tester | Manual, REST API & REST Assured F/W, Selenium | Agile Scrum Methodology

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## About Me

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- ✓ **4.2+ years** of total IT experience in **ETL and Automation testing** on web based, Desktop application, data warehousing applications and Worked on **Banking & Telecom Domain Projects**.
- ✓ Currently Working as **Test Specialist** in **Birlasoft** from **August 2018**.

## Professional Summary

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- ✓ Technical expertise in **Database, ETL testing using Informatica, Database testing & Data Warehousing Concepts**.
- ✓ Worked on different stages of testing including **System Testing, Functional Testing, Regression Testing** and QA activities including Software Testing Lifecycle (**STLC**) and DevOps Methodology.
- ✓ Strong experience in analyzing requirements (**BRS/SRS**) and identifying Test Scenarios based on Use cases, Test Cases writing, execution and Defect Analysis.
- ✓ Extensively worked on STLC models – **Agile** and good knowledge in Test management, analysis, planning and execution
- ✓ Expertise in Server testing using **Unix Commands** and having excellent experience in **Shell scripting**.
- ✓ Vast exposure to Software Development Lifecycle (**SDLC**) and Software Testing Lifecycle (**STLC**) from requirement gathering to final delivery/maintenance.
- ✓ Proficient in Defect management, including Defect creation, tracking, and reporting using Industry standard tools like **JIRA, RALLY**.
- ✓ **Test Execution (both automation and manual)** involving Database, **Webservices**, Batch processes and **GUI validations**.
- ✓ Test **Automation framework** (Keyword and Data Driven) development for Rest API Validations using **Rest Assured**, Maven (Dependency Management), **TestNG** (Assertions) and Apache POI.
- ✓ Expertise in Testing REST API using Rest Assured Framework & Postman
- ✓ Experience in **Data driven Testing, Cross browser testing** and **Parallel** Test execution using **Selenium WebDriver and TestNG**
- ✓ Experience in implementation of Automation framework using Selenium.
- ✓ Involved in Automation Infrastructure Development using Selenium.
- ✓ Created Test cases Using Element locators and Selenium Webdrive methods.
- ✓ Execution of Selenium Test cases and Reporting defects.

## TECHNICAL SKILLS

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<b>ETL Tools</b>	: Informatica PowerCenter
<b>Programming Languages</b>	: SQL, Unix Shell Scripting, Rest Assured
<b>Operating Systems</b>	: Microsoft Windows OS
<b>MS Office</b>	: MS Word, MS Excel, MS PowerPoint, MS Outlook
<b>Other Tools</b>	: Putty, Text Pad, Compare IT, WinSCP
<b>Defect Management Tool</b>	: Jira, Rally
<b>Automation Tool</b>	: Postman, Test NG, Newman, Eclipse
<b>RDBMS (Databases)</b>	: Oracle 11g/10g/9i/8i, MS SQL Server2012/2008

## WORK EXPERIENCE

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- ✓ Currently working as **Test Specialist** in **Birlasoft** from **August 2018** to till date.

## Manual, ETL & Automation Test Expertise

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- ✓ Strong experience in analyzing requirements (BRS/SRS) and identifying Test Scenarios based on Use cases, Test Cases writing, execution and Defect Analysis.
- ✓ Currently working as a **ETL & Automation Tester** and Strongly Involved in **writing complex SQL queries** to verify data from **Source to Target**.
- ✓ Performed **data validation** testing writing SQL queries.
- ✓ Testing the **Informatica mappings which are based on SCD-1 and SCD-2**.
- ✓ Testing mappings in all three Environments (**Staging, Data source and Datawarehouse**).
- ✓ Preparation of Requirement Traceability Matrix and Conduct test Case review with stakeholders.
- ✓ Designing and executing test cases to ensure that business requirements and functional specifications are tested and fulfilled in that data warehouse
- ✓ Performed Functional, Integration and Regression, E2E and Retesting testing.
- ✓ Well Versed in designing **Data driven framework** using Apache POI Library and Maven Dependency management for reference libraries.
- ✓ For **Rest APIs validation** predominantly worked with Using **Postman** for automating **API Validations** with below highlights:
- ✓ Write **Pre-Request and Test scripts** using Postman's (PM Library) and basic JavaScript incorporating the concept of Env Variable, Global Variable, Collection Variable and Local Variables.
- ✓ Test **Automation framework** (Keyword and Data Driven) development for Rest API Validations using **Rest Assured**, Maven (Dependency Management), **TestNG** (Assertions) and Apache POI
- ✓ Excellent Debugging skills and Root cause finding attitude incorporating **Unix commands** to dig through application Logs.
- ✓ Working experience of Quality Assurance Methodologies like Agile Scrum and Waterfall environment.
- ✓ Sound Knowledge of **Agile Scrum Methodology and Agile Process**

- ✓ Very good in Test Execution Process and Defect Status Life cycle (DSLCL).
- ✓ A very good team player with excellent Communication (Verbal and Technical), Presentation and reporting skill.

## EDUCATION

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- ✓ Completed **BE in Information Technology** from DY Patil Institute with 64.26% in 2016.

## PROJECTS

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**Project 1** : CBS (Investment Banking Project- US based banking organization)

**Project Type** : Web Based Banking application & Windows Trade application

**Process** : Agile Scrum Methodology

**Team Size** : 15

**Tools** : Jira, Putty, SQL, Selenium Webdrive with TestNG F/W, Postman

**Unit** : Birlasoft

**Role** : Test Specialist

### Description

CBS (Centralized Banking System) is a complete web based and centralized banking solution covering all the functions of a bank. It supports multi-currency transactions and all types of delivery channels. The product has been developed using open, industry standard, proven technologies and high-quality software engineering methodologies. CBS is highly parameterized to support constantly changing customer and regulatory requirements.

### Roles & Responsibilities

- ✓ Preparation of the Test Strategy and guiding the team.
- ✓ Involvement in the System Test Plan Preparation and Requirements Streamlining.
- ✓ Involvement in Preparation of Test Procedures, Test Scenarios, Cases and Test Data.
- ✓ Responsible for GUI and Functional Testing, using Black box Testing Techniques.
- ✓ Involvement in Test Execution, Results Analyzing and Defect Reporting. Involvement in RTM Preparation.
- ✓ Involved in Automation Infrastructure Development using Selenium.
- ✓ Created Test cases Using Element locators and Selenium Webdrive methods.
- ✓ Enhanced Test cases using Java programming features and TestNG Annotations.
- ✓ Execution of Selenium Test cases and Reporting defects.

**Project 2** : Telus Migration-TM2 (A Canadian Telecom Service Provider)

**Roles** : ETL Testing, Functional Testing, Regression Testing, History Load Testing, Incremental load Testing, Data Transformation Testing, Migration Testing, Post Migration Testing

**Process** : Agile Scrum Methodology

**Team Size** : 18

**Tools** : Jira, Putty, SQL, Informatica, Data Validator

**Domain** : Telecom (Migration Project)

**Services** : Internet Access, Voice Entertainment, IPTV

### **Description**

Telus Communications Inc. (TCI) is the wholly owned principal subsidiary of Telus Corporation company that provides a wide range of telecommunications products and services including internet access, voice, entertainment, healthcare, video, and IPTV television.

### **Roles & Responsibilities:**

- ✓ Identify migration scope at table level and do impact analysis during the process of requirement gathering.
- ✓ Used SQL server to develop and execute test scripts in SQL, to validate the test cases.
- ✓ Involved in reviewing test scenarios, test cases and test results for data warehouse/ETL testing.
- ✓ Prepared Requirements Traceability Metrics (RTM), positive and negative test scenarios, detailed oriented Test Scripts, Test Kickoff documents, Test Scorecard for test progress status, Test Results, Release Checklist, Lessons Learned documents and Regression Test Suite for future use.
- ✓ Responsible for testing historical/initial and incremental/daily loads of ETL jobs
- ✓ Extensively involved in testing the ETL process from different data sources (Oracle, flat files) into the target database (Oracle) as per the data models.
- ✓ Writing complex SQL queries for data validation for verifying the business, Rules.
- ✓ Written Test Cases for ETL to compare Source and Target database systems.
- ✓ Mocked test data to test all the scenarios and test cases planned.
- ✓ Used UNIX commands for file management.
- ✓ Written several complex SQL queries for data verification and data quality checks
- ✓ Analyzed the testing progress by conducting walk-through meetings with internal quality assurance groups and with development groups.
- ✓ Responsible for documenting the process, issues and lessons learned for future references.
- ✓ Reviewed the test activities through daily Agile Software development stand-up meetings.
- ✓ Also involved in Post Migration Validation.

**Project 3** : AVI&S (Address Validation Interface and Simulator)

**Client** : A US Based Telecom Service Provider

**Roles** : Automation Tester, API Tester, Sanity, Regression Testing, Database Testing

**Vertical** : **Telecom Domain** (A Leading US Based TSP)

**Tools** : CRM, Dynamics, Provisioning, OMS, Jira, Rally, Postman, SQL, TOAD, Putty, Rest Assured

**Team Size** : 15

**Process** : Agile Scrum

### **Description**

This system is an interface which receives requests from various clients in form of request XMLs, validates it as per a predefined schema (XSD), executes the received request by redirecting it to a designated URL (end-point) which in background retrieves data from concerned backend, then formulates the received response as per a pre-defined response schema (XSD) and sends the formulated response to the concerned clients.

### **Roles & Responsibilities:**

- ✓ Prequest Script using PM libraries and standard JavaScript functions.
- ✓ Test Script using PM libraries and standard JavaScript functions.
- ✓ Data driven testing using Excel and CSV
- ✓ For Rest APIs validation predominantly worked with Using Postman for automating API Validations.
- ✓ Created a data driven framework using excel and csv files to test APIs where a fixed set of data is passed.
- ✓ Analyzing the requirement by taking HLD, LLD document for Agile projects and Features and corresponding User stories for agile projects to write the test cases.
- ✓ Preparation of Software Test plan for different releases.
- ✓ Test cases execution (Manual and Automation) in Jira.
- ✓ Supporting Business Users by Providing Demos of Different Line of Business.
- ✓ Handling Environment setups. And creating automated scripts for bounce and cleanups.
- ✓ Defect Logging & tracking in Jira and Rally for Waterfall and Agile projects, respectively.

### **PERSONAL DETAILS**

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- ✓ Name: Bahubali Kurkut
- ✓ Gender: Male
- ✓ Language known: English, Hindi, Marathi
- ✓ Address: At po :- Pangaon Tq- Renapur Di-Latur 431522

### **DECLARATION**

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I hereby declare that the data furnished above by me are true to the best of my knowledge.

**BAHUBALI MAHAVIR KURKUT**