

# Harshada Mahavir Patil

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**EXPERIENCE: 5 years 7 months**

Sr. No.	Designation	Organization	Location	Duration
1.	Senior Test Engineer	Mindtree Ltd.	Bangalore	Feb'20-till date
2.	Test Analyst	ZS Associates	Pune	Mar'18-Dec'19
3.	Test Engineer	Infosys Ltd.	Pune	Aug'15-Mar'18

## PROJECTS

**1. Title : Philips TCOE CS Onboarding**

**Organization : Mindtree Ltd.**

**Highlights :**

- Project purely followed agile methodologies, with 2 weeks sprint which included backlog grooming sessions, Sprint planning sessions, Sprint Demo sessions, Sprint retrospective sessions.
- Design test cases bases on discussion in grooming sessions, business requirements given in user stories.
- Verification of enhancements that are implemented in Teratata DB using Informatica ETL tool.
- Verify the ETL logics by writing queries on stage table with business logic/filters and verify against the data in Materialized tables.
- Verify the data loaded from Materialized table
- Verify the rejection files created by the Informatica sessions and ensure the rejections are valid.
- Verfiy the delta logic is implemented correctly and verify the insert and update scenarios are working correctly.
- Raise bugs for any issues seen in Azure.
- Highlight risks to stakeholders in timely manner and have a risk mitigation plan.

**2. Title : Abbvie Integrated Anayltics Platform (IAP)**

**Organization : ZS Associates**

**Highlights :**

- The Client was building a base and metrics layer. The metrics from the Metrics layer's data would be loaded to a web based tool from where the business analyst could query the data to provide meaningful insights to business stakeholders
- We tested the Base layer and Metrics layer for the data accuracy and raised issues by verifying the source v/s Base layer and Base v/s Metrics layer.
- Designed complex SQL queries with joins by implementing the business logic and verified the various layers.
- Verified the correctness of Dimension tables.
- Raised critical bugs and ensured the base and metrics layers created error free data.

**3. Title : Personalized Analytics (Astellas, Pfizer)**

**Organization : ZS Associates**

**Highlights :**

- Verified Machine learning based IOS mobile application meant for Medical representatives in USA and Europe.
- Worked on Google's Dialog flow and tested the accuracy of key's formed by framing different kinds of questions.
- Used Postman tool to API's to check for issues and accuracy of mobile application
- Worked with Facts and Dimension tables to create different metrics such as Sales, Market share, calls. These metrics were showcased as different graphs such as bar graphs, line charts etc. depending on the dimension used
- Verified the key formed by google flow hits the correct queries in the backend and ensured the right SQL corresponding to the key sent by Dialogflow is picked.
- Verified the accuracy of metrics displayed on the app by writing SQL queries and checking data against the app.
- Tested the web version of this application and also created a selenium script to automatically hit a list of questions (More than 1000) to hit the web application and retrieve the points from the charts (bar/line).

**4. Title : BI report testing**

**Organization : ZS Associates**

**Highlights :**

- Verified the report created for different stakeholders. Each level of stake holder had access to certain data (based on geography, hierarchy of the stakeholder etc.).
- The data on this report flowed through tables into a set of files created by jobs and from these files into the report.
- Verified the metrics calculated was correct by writing queries on the source tables.
- Verified the metrics in the files were matching against the metrics in the tables (after testing of metrics was completed)
- Verified the data in the files against the data in the reports. Also checked for access of certain metrics as specified in the requirements, formatting of the reports, place holders of metrics and attachments which were downloadable from the report.

**5. Title : Allstate**

**Organization : Infosys Ltd.**

**Highlights :**

- Designing test cases, reporting issues in JIRA, informing stakeholders about status of stories, attending scrum calls (project followed agile life cycle).
- Testing the data flow from diverse set of sources like Mainframe, Flat files, Relational Databases etc. to downstream
- Reading mapping documents and implementing the logic mentioned in the document on source fields to verify whether in target the field is populated correctly or not.
- Built complex SQL queries to verify the target table is implemented as per logics in mapping document.
- Have created Unix scripts to automate repetitive scenarios.

**6. Title : Suntrust Data Lake**

**Organization : Infosys Ltd.**

**Highlights :**

- Client wanted to build a data lake for the purpose of decision support, analytics and reporting environment. The objective was to efficiently migrate the existing functionality to a new platform which was Hadoop based.
- Analysis of various source systems, target systems and locations of source, target and intermediate files based on the design document. Designing of test cases based on these systems (this was done for more than 30 such subsystems)
- Verify the output(file's) of existing systems and newly created hadoop based systems are matching thus confirming the newly created systems accuracy.
- Running Abinitio graphs using Mainframe
- Created shell scripts for automating repetitive tasks.

#### TECHNICAL SKILLS

1.	Languages	SQL, Python, Unix, Shell scripting, VB Scripting/Macros
2.	Data base	Teradata, PostgreSQL, Hive, Azure
3.	Bug Tracking tools	Azure, Jira, HP ALM
4.	ETL Tools	Informatica
5.	Automation	Selenium with Python

#### ACADEMIA

Sr. No.	Course	Discipline / Specialization	University / Board	Percentage (%)	Year of Passing
1.	B.E.	E&TC	University of Solapur	66	2015
2.	HSSC	HSSC	Goa State Board	69	2011
3.	SSC	SSC	Goa State Board	76	2009

#### ACHIEVEMENTS

1. Received appreciations from client and onsite/off shore managers for my contribution and dedication. (Atlas Data Lake Big data Project)
2. Acknowledged and awarded for automating a repetitive scenario in Allstate account project using UNIX (Received INSTA award for my work)

**PERSONAL VITAE**

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Date of Birth : 08<sup>th</sup> May 1993  
Address (Per.) : 18/268, Chougule Borewells, Station road, Ichalkaranji – 416 115.  
Dist:- Kolhapur, State:- Maharashtra, Country:- India  
Alternate Email ID : harshadapatil777@gmail.com  
Alternate Phone No. : +91-9096966529  
Languages Known : English, Hindi, Marathi, Konkani (Read, Write and Speak)  
Hobbies : Glass painting

**DECLARATION**

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I hereby declare that the information furnished above is true to the best of my knowledge and understanding.

Harshada Mahavir Patil