

# Shruthi Thirugnanam

Associate at Cognizant Technology Solutions

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## Summary

- Overall 4.1yrs. of experience in DWH Testing, ETL Testing , DB Testing, big data testing and agile testing.
  - Currently Associate at Cognizant technology solutions and is with the organization since 23 May 2016.
  - Previously a software engineer at Accenture and was with the organization from 6 Feb 2013 till 7 May 2016.
  - Good experience over ETL process and data modeling .
  - Good knowledge over data warehouse concepts.
  - As a Tester, have been involved in requirement analysis, preparing test cases, executing test cases, defect management process.
  - Developed complex SQL queries for querying data against different data bases for data verification process.
  - Developed ETL test scripts based on technical specifications/Data design documents, Source to Target mappings, flow diagrams.
  - Extensively interacted with developers, business& management teams to understand the business requirements and ETL design document specifications.
  - Developed SQL queries /scripts to validate the data such as Schema validation, Column count validation, Source and Destination data validation, checking duplicates, null values, and truncated values and ensuring correct data aggregations.
  - Experience with various testing methods such as Functional testing, Regression Testing, System Testing, Integration Testing, User Acceptance Testing (UAT), Database Testing, End to End Testing.
  - Strong in STLC concepts.
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## Experience

### **Associate at Cognizant**

May 2016 - Present (11 months)

Have experience of testing different phases in the software life cycle and in creating testing strategies for a wide range of software products.

Current day-to-day responsibilities include :

- Developing complex SQL queries for querying data against different data bases for data verification process.
- Developing ETL test scripts based on technical specifications/Data design documents, Source to Target mappings.
- Interacting with developers, business & management teams to understand the business requirements and ETL design document specifications

- Developing SQL queries /scripts to validate the data such as Schema validation, Column count validation, Source and Destination data validation, checking duplicates, null values, and truncated values and ensuring correct data aggregations.

## **Software Engineering analyst at Accenture**

February 2013 - May 2016 (3 years 4 months)

Have experience of testing different phases in the software life cycle and in creating testing strategies for a wide range of software products.

Current day-to-day responsibilities include :

- Developing complex SQL queries for querying data against different data bases for data verification process.
- Developing ETL test scripts based on technical specifications/Data design documents, Source to Target mappings.
- Interacting with developers, business & management teams to understand the business requirements and ETL design document specifications
- Developing SQL queries /scripts to validate the data such as Schema validation, Column count validation, Source and Destination data validation, checking duplicates, null values, and truncated values and ensuring correct data aggregations.

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## Certifications

### **Banking Industry Generalist**

Accenture August 2015

### **Insurance Foundation**

Accenture January 2016

### **BIG DATA Certification**

Cognizant October 2016

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## Languages

**English,Kannada,Hindi,Tamil.**

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## Skills & Expertise

**C**

**SQL**

**Functional Testing**

**Manual Testing**

**Testing**

**MySQL**

**RDBMS**

**Requirements Analysis**

**Quality Center**

**Regression Testing**

**System Testing**

**Integration Testing**

**ETL testing**

**Database Testing**

**Data warehouse testing**

**Netezza**

**Microsoft SQL Server**

**Test Preparation**

**Test Execution**

**Agile Testing**

**Big data testing**

**Report testing**

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## Education

### **PESIT**

Bachelor of Engineering (BE), Telecommunication Engineering, 2008 - 2012

Activities and Societies: Student Assistance program, Creative Arts

### **Sad Vidya Semi Residential PU College**

1st PUC and 2nd PUC, PCMB, 2006 - 2008

Activities and Societies: active sports member, Creative Arts

### **Vidya Vardhaka sangha Pandit Nehru High School**

8th to 10th, General, 2003 - 2006

Grade: 93%

Activities and Societies: Dance, singing, arts, sports

### **Vidya Vardhaka Sangha B M Sri Educational Institutions**

1st to 7th, General, 1996 - 2003

Grade: 95%

Activities and Societies: Dance, singing, Arts, sports

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## Interests

ETL testing, Data warehouse testing, Database testing.

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## Volunteer Experience

### **Active outreach member which helps NGOs at Cognizant**

May 2016 - Present

Active outreach member which helps NGOs

### **Active CSR member at Accenture**

February 2013 - May 2016

An active CSR participant.

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## Projects

### **Nordea:Tax on Return**

February 2013 to June 2014

Members:Shruthi Thirugnanam

Assignment Description: Transfer Out: This application was used mainly for transferring Nordea pensions to another pension provider partially or completely.

Responsibilities:

- Data Setup.
- Executing Test cases
- Waiting for the Process for 24 hrs. for its completion.
- Resetting the Process States in case of environmental issues.
- Data correction (to be followed with Client) in case of SIT testing\DB changes in case of CIT testing.
- Report checking.
- Apart from this, also helped in WLS server resetting when it comes to environment issues.
- Worked on DBM change process, updates

### **Nordea: Group Function Integration (Pilot phase and Phase 1)**

July 2014 to June 2015

Members:Shruthi Thirugnanam

Assignment Description: The main purpose of the project was to provide end to end data management solution across Group Finance (GF), Group Capital (GC) and Group Treasury (GT) including data governance. The aim of the project was to demonstrate that all of the necessary contract data required by all three stakeholders can be delivered from a “single source” (CDW) for a limited number of source systems.

Responsibilities:

- Requirement Analysis: analyzing HLM and SMX.
- Designed Test Cases based on functional Specification documents, ETL mapping documents, MDS Mapping documents, DQS mapping documents and Use cases.
- To verify the staging and core data transformations using Teradata for LIQ, NO -SL and KKS source systems.
- To verify the transformations and compare the SL data with the Basel data (Both GT and GC).
- Defect retests, defect analysis, defect management.
- Have worked on verifying the BO reports.
- Have worked on structural testing, content testing, UAT testing and Data Quality testing

### **ACE insurance: ITAU Team**

July 2015 to December 2015

Members:Shruthi Thirugnanam

Assignment Description: ACE insurance took over the ITAU bank. The aim of the project was to collect the data present in the ITAU source system and load the same in the ACE source system after the verification of data.

Responsibilities:

- Requirement Analysis.
- Design Test Cases based on design documents, ETL mapping documents.
- To verify the source and target data transformations using Netezza, SQL server for PCW (premium and claims warehouse), MDM (master data management) source systems.
- Defect retests, defect analysis, defect management.
- Have worked on structural testing, content testing and Data Quality testing.

### **Travelers Corp. : Renewal Price Change (RPC)**

January 2015 to Present

Members: Shruthi Thirugnanam

Assignment Description: RPC or renewal price change was an agile project. RPC processing consists of calculating the renewal price change using premium data for various line of business (LOB's) and integrating RPC statistics (calculated results).

Responsibilities:

- Test plan creation for the Change controls.
- Requirement Analysis and Test Case design based on RDEM ETL documents, RPC flow documents.
- Worked on report testing using Cognos.
- Defect analysis, defect retests and defect management

### **Johnson and Johnson : PRIZMA**

May 2016 to August 2016

Members: Shruthi Thirugnanam

Assignment Description: The purpose of the project was to develop a daily data transfer/file which contains information from J&J Global Supplier Database (GSDB) which will be utilized across multiple Polaris modules. The data transfer/file will be sent to PRIZMA (GTM system) SaaS vendor via a secure connection. Also To develop a daily data transfer/file which contains information from HR GDW and this data transfer/file will contain non-sensitive demographic information on Global J&J employees and partners (contractors). The data transfer/file will be sent to PRIZMA SaaS vendor via a secure connection.

Responsibilities:

- Requirement Analysis, Test plan and Test Case design based on documents.
- Stage to core mapping validations using Teradata for various source systems.
- Defect analysis, defect retests and defect management.

### **Johnson and Johnson : VISION BTB**

September 2016 to Present

Members: Shruthi Thirugnanam

Assignment Description: Global Procurement's strategic initiatives include supplier management, de-risking the business, category and spend management. A key procurement fundamental enabler is providing smooth, efficient solutions, which enable comprehensive and accurate access to global spend information. This project will deliver an efficient system to collect and report global direct & indirect spend with data feeds from multiple systems.

Responsibilities:

- Requirement Analysis.
  - Test plan, Test scenario and Test Case design based on User stories for each sprints.
  - EDL to Stage mapping validations using HIVE editor.
  - Stage to core mapping validations using Teradata.
  - Defect analysis, defect retests and defect management using ALM QC.
  - Have worked on schema validation, count validation, Source and Destination data validation, checking duplicates, null values and ensuring correct data aggregations.
  - Test closure documentation.
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[Contact Shruthi on LinkedIn](#)