# Jesma Raaj

**Email :** [**jesma20.raaj@gmail.com**](mailto:jesma20.raaj@gmail.com) **Mobile : +91 8129899843**

**Professional Summary:**

* Having 3+ years of experience in Microsoft Business Intelligence (SSIS and T-SQL) Development using SQL Server 2008R2,2012,2014and 2016 and data scrape using WebHarvy.
* Understanding Business Specification Documents /Source map documents for creating packages and reports.
* Experience in development of SSIS packages.
* Working with various transformations such as Lookup, Conditional Split, Multicast, Derived column, data conversion, merge, merge join and Tasks such as Data-flow task, Execute SQL, Execute Package, For loop, for each loop etc. in Integration services development.
* Having good knowledge on data warehousing concepts and BI concepts.
* Basics of T-SQL Statements like Stored Procedures, indexes, Sub-queries, Constraints, Views & Joins.
* Experience in Database Programming in writing T-SQL Stored Procedures, Dynamic-queries, Constraints (primary key, foreign key, unique) Indexes.
* Quick learner and good performer both in team and independent job environments.
* Familiar with RDBMS (Relational Database Management Systems).
* Data Cleaning through DQS in SSIS.
* Knowledge in R programming with data manipulation, cleaning etc.
* Knowledge in Reporting Tools like SSRS and visualization in R.

**Education Qualification:**

B. Tech in Computer Science Engineering, AVS Engineering College, Anna University, Chennai.

**Professional Experience: (3 Years 7 Months )**

* Worked as a SQL Developer in Key Difference Pvt Ltd for **6 months**.
* Worked as a Jr. ETL Developer in Navigant BPM India from August 2016 to March 2019 ( **2 Years 8 Months**)
* Worked as Conversion Engineer at Envestnet Asset Management Pvt Ltd from April 2019 to August 2019 ( **5 Months** )

**Technical Competency:**

**Technologies :** SQL Server, Microsoft Business Intelligence Tools (MSBI).

**RDBMS :** SQL Server 2016

**ETL Tools :** SQL Server Integration Services, SSRS **Programming Language :** Basics of C, Basics of Python, R lang. **MS Office :** MS Excel, MS Word, MS Power Point

**PROJECT DETAILS**

Project#1

**Project Name: UCLongIsland Client: USA**

Environment: SSIS, T-SQL, SQL Server 2015 Duration: Apr 2019 to Aug 2019

**Description:**

We have multiple projects and this is one of the project where I worked. UCLongIsland is one of the project which involves assets of their customers and request to use our platform. We on board all the data into our platform and give access to end users likewise we have number of clients who use our platform and we support them from back end.

**Roles and Responsibilities:**

* Created stored procedures with input parameters and used the procedures to provide SSRS reports.
* We have internal application called MEAQ where we can save the SQL Scripts giving an

excel source file to generate the final result.

* Created multiple SQL Scripts by validating the data which is assigned in TFS for MEAQ

tool.

* Developed multiple packages and deployed in UAT for testing and then moved to

production.

* Transformations used while developing packages are for loop container, for each loop

container, file system task, Execute SQL task, Conditional Spilt and Connection managers used in development is Oledb connection manager and flat file connection manager.

* Worked on Event Handlers to capture error output and used propagate variable.
* Designed different Types of reports like Drill Down, Drill Through and Cascading

reports.

* Developed single value and multi valued parameterized reports for Business Users using

Microsoft SQL Server Reporting Services (SSRS) and deployed in the server.

Project#2

**Project Name: PECO Client: Navigant Research USA**

Environment: SSIS, SQL Server 2016 Duration: May 2018 to April 2019

**Description**:

PECO, the Exelon subsidiary operating in Philadelphia, identified more than 120,000 residential customers who would be eligible for its Smart Time Pricing program and used direct mail, bill inserts, and email to promote sign-ups.

**Roles and Responsibilities:**

* Analyzing business requirements for the PECO load.
* Finding csv files which have data for Peco load.
* Loading data into database overcoming those package validation errors.
* Solving datatype errors in SQL Server and creating views based on requirement.
* Designed a database as per the business requirement based on the ER diagram, also

testing database plans.

Project#3

**Project Name: RSG Client: USA**

Environment: SSIS, T-SQL, SQL Server 2016 Duration: Sep 2017 to till April 2018

**Description**:

RSG (Research service group) is based up on the legal court proceedings of USA which contains all the information about plaintiffs and defendants which includes distinct types of cases or events in corporate level and public, individual level. We have developed the process and working on automating the entire process for the business requirement.

**Roles and Responsibilities:**

* Created ER diagram for the requirement of the client.
* Created user manuals or documents as per the client’s requirements.
* Designed a database as per the business requirement based on the ER diagram.
* Developed multiple packages for the multiple excel files using SSIS.
* Involving in Creation of tables, indexes, sequences, constraints and created stored procedures

which were used to implement business rules.

* Importing Source/Target tables from the respective databases by using Control Tasks in SQL

Server 2008 Integration services.

* Created Transformations using Data Flow Tasks.
* Creating packages at SQL Server Integration Service platform.
* Developing various SSIS Packages using Stored Procedures and Complex SQL Queries

Project#4

**Project Name: LED Tracking Client: Navigant Research USA**

Environment: SSIS, SQL Server 2016 Duration: Aug 2016 to Sep 2017

**Description**:

The LED Price Tracker data service monitors US retail LED lamp and luminaire prices by quarter from 2013 to present, displaying trends by sales channel, product type, features and wattage.

**Roles and Responsibilities:**

* Analyzing business requirements by involving in client every twice in a week, where in I need to give the updates and progress about the project.
* Scraping the data’s using software called “WebHarvy” using which we can extract data from multiple pages/ categories/ Keywords, also allows you to apply regular expressions (RegEX) on Text or HTML source of web pages and scrape the matching portion and download images as well.
* Also, it automatically identifies patterns of data occurring in webpages. So, if you need to scrape a list of items(columns) such as price, watts, lumens, product type, color temperature from a webpage, you need not do any additional configuration. If data repeats, WebHarvy will scrape it automatically and then save the extracted data.
* After saving the data to excel, playing with the excel file.
* Analyzing and understanding the saved data which is in flat file or excel file and creating SSIS Packages accordingly to dump the data in to SQL database.
* Implementing Transformations in dataflow to clean data and maintaining the data in the form of SQL Server tables.
* Developed various packages to extract the data from different source like relational tables and flat files.
* I used different destinations like OLE DB Destination, Flat file, Excel destinations and various sources like Flat file and OLE DB Source.
* Implemented data transformations like Multi casting, Conditional Split, Aggregate, Row Count, Lookup, Sort, and Data Conversion.

**Jesma Raaj**