

Suganthi

Homestead, FL. Contact: (702) 592 -6235

Suganthi.srp@gmail.com

Objective

Seeking a challenging opportunity in a dynamic environment where I can utilize my experience and knowledge to improve company's growth and my skills.

Highlights of Qualification

- IT experience in Software Development Life Cycle (SDLC) which includes requirement gathering, designing, implementing and testing.
- Technical and Functional experience in Decision Support Systems - **Data warehousing**, implementing **ETL** using **Informatica Power Center**.
- Created database objects like **stored procedures, function, packages, Cursors and Triggers**.
- Working with Transformations like Source Qualifier, Lookup, Update Strategy, Aggregator, Router, Expression and Joiner Using Informatica.
- Extensive knowledge in handling of "Slowly Changing Dimensions" to maintain the complete History.
- Have an experience with creating and modifying CRONTAB jobs in servers.
- Created extensive documentation on the design, development, implementation, daily loads and process flow of the mappings.
- Used Qlik Sense and Tableau tool to create the **dashboards**.
- Experienced in Data cleansing, prediction analysis.
- Experience in **data modelling** from the scratch to collect specific requirements.
- Experience in Publishing dashboards on the **Tableau Server**.
- Experienced in data visualization using **Qlik Sense and Tableau**.
- Experienced in **Apriori** and **Frequent pattern analysis** algorithm using R.
- Performed user based and content based filtering.
- Have a good knowledge in **Clustering** and **classification** algorithm.
- Completed **ORACLE OCA certification**.

Technical Skills

Tools	Informatica Power Center, Qlik sense, Tableau, R Studio, Weka, Win SCP, Putty, Eclipse
Programming	Java, SQL, PL/SQL, HTML, CSS, R, Unix Commands
Databases	Oracle 10g, SQL server 2014
Software Packages	MS Office, MS Project, Edit Plus3
Operating Systems	Windows, Unix

Education

MS in Information Technology in Data Analytics

Feb ,2017*

California Lutheran University, Thousand Oaks, CA

GPA - 3.94*

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B. Tech in Information Technology
Anna University, Coimbatore, India

April, 2011
GPA – 3.94

Award of Excellence

- **Kudos Award** - Recognition of exemplary performance, dedication and commitment in Initial learning program (ILP) held by Tata Consultancy Services, ltd.
- **Best performer Award** - Extraordinary performance in closing monthly billing cycles and delivering project on time.

University Projects

1.High Fashion Inc. (HFI) is a retailer shop which offers variety of fashion products for men, women and children. HFI operates twenty stores thorough out the US. CEO of the company planned to create a centralized database to better keep track of the sales and product offerings for all the stores.

- Used **MS Visio** to develop ER diagrams and logical schema.
- Developed database prototyping in **SQL server 2014**.

2. Federal Reserve Mandate Project is to analysis unemployment rate history, federal fund rates, historical interest rates and consumer price index history to check whether Federal reserve achieve its mandates.

- Performed data cleansing using **MS Excel**.
- Created Dashboards using **Qlik Sense, Tableau tool** to analyze various data source and perform decision making.

3. Travel Guide Mobile App This project proposal is to collaborate users with mobile application to share their travel experience, providing recommendation, sharing reviews for travelers who use the application to help them make better choices while traveling around the U.S.

- Created complete documents with respective to project management perspective.
- Prepared the documents such as **Project Charter, Scope statement, WBS, Cost estimation, Gantt chart, HR management plan, Resource estimation, Resource histogram** and so on.
- Used **MS Project** to develop Gantt Chart, Resource Histogram and network diagrams.

Professional Experience

Pydan, Bangalore, India
Role- SQL and Data Analyst

November 2014- February 2016

Project- Organic basket is a growing E-commerce retail store where it is operating in part of Bangalore, India which includes the organic grocery items, vegetables and fruits. It has a link with set of organic vendors and eventually,

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they had a plan to directly importing the products from the farmers to deliver cent percent fresh items to the consumers.

Responsibilities:

- Experienced in developing the dashboards using the Tableau tool.
- Extensive knowledge on extracting the data from different sources.
- Worked on Data cleansing and blending multiple data sources to allow different views on the application to design a single dashboard.
- Experience in **data modelling** from the scratch to collect specific data for visualization.
- Experience in Publishing dashboards on the **Tableau Server**.
- Involved in creating dashboard based on the history sales data to do the **Prediction analytics** on the future volume of sales.

Tata Consultancy Services, Chennai, India

January 2012- October 2014

Roles- ETL and PL/SQL Developer

Project - 1

The Pricing System allows TCL to price its offerings to its customers. Pricing system will get the customers, destinations, employees, and currency and origination's details from various source systems such as GECP, SECS, LCR/GTM, REPC, CSPH, SAP India, GBS, Routing, SQL DBA's, Costing. Then the process of loading rates into pricing system to the customer and destinations combination with the help of margin management team and sending the rates information to billing system.

Responsibilities:

- Working with users to establish requirements and determine priorities.
- Development of Java interfaces & Configuration Management of the source code.
- Have a Good knowledge in creating and modifying PLSQL queries, procedures and functions as per the business requirement.
- Analyzing data and conducting compatibility and quality assurance testing before moving to production environment.
- Moving of source code from development to production.
- Stopping and starting the UNIX servers, both console and back-end.
- Have an experience with creating and modifying CRONTAB jobs in servers.
- Worked on PLSQL exception handling like user defined and raise application error ().
- Involved in creating, scheduling, enabling and disabling of DBMS scheduler jobs.
- Actively participated in Deployments.
- Proved accuracy in doing sanity checks after the install/deployment of new scripts.
- Experience in Production Support.

Technologies: Java, PL SQL, Unix Shell Scripts, Excel 2013.

Project - 2

The system which extracts data from various source systems (GECP, SECS, LCR/GTM, REPC, CSPH, SAP India, GBS, Routing/RETR, Pricing). According to business requirement, the data extraction, transformation

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and loading will be applied and stored in data warehousing system. Reports are generated and sending to customers based on their settings.

Responsibilities:

- Involved in extraction of heterogeneous data from various systems and load into the target.
- Involved in applying transformation rules to implement the business requirements.
- Working with Transformations like Source Qualifier, Lookup, Update Strategy, Aggregator, Router, Expression and Joiner Using Informatica.
- Designed Mapping with Mapping parameter to provide the Mapping reusability
- Created and scheduled Sessions, Jobs based on demand, run on time and run only once using Work-flow Manager.
- Created extensive documentation on the design, development, implementation, daily loads and process flow of the mappings.
- Managed Change control implementation and coordinating daily, monthly releases.
- Experienced in handling “Slowly Changing Dimensions” to maintain the complete History.
- Designed Mapping with a multi-file loading using File Repository.
- Tuning the mappings to enhance the performance by identifying bottlenecks.
- Tested ETL using debugger for error correction.
- Loaded Dimension, Fact and Exception tables and automated email generation when exceptions occurred.
- Automated ETL process by scheduling the jobs using Informatica Scheduler.
- Performed Informatica Administration activities such as Create, Delete, Backup and Restore Repositories.

Technologies: Informatica Power Center, SQL, Unix shell scripts