



# SUGANYA ANBALAGAN

NO.40/14, Dharmalingam Salai,

Annai Indra Nagar, Vealapadi, Vellore - 632001

Phone: +919940331283

email: suganya.anbalaganthangavel@gmail.com

## PROFILE

Over 8 Years of experience in software in the analysis, design, development, testing and implementation of full life cycle web-based software applications. Conceptual knowledge and experience in SQL & PL/SQL.

- Strong skills included **Oracle (10G/11G /12C) PL/SQL, Sybase, Unix Shell/Perl Scripting, Stored Java Procedures, XML, HTML.**
- Handled **Packages, Procedures, Triggers, Functions Collections and PL SQL Blocks.**
- Managed **GitHub repositories** and permissions, including branching and tagging. Create and maintain **fully automated CI/CD pipelines** for code deployment.
- Automated build and deployment using **Jenkins** to reduce human error and speed up production processes.
- Have exposure in handling Production Environment.
- Extensive experience in Extraction, Transformation and Loading of data directly from different source systems like Oracle, Flat files and Oracle Migration.
- Involved in designing the mapping with multiple files loading using file repository
- Involved in Query tuning.
- Quickly adapt to changing environments professionally and personally. Having experience on client requirement analysis phases and demonstrated abilities in customer relationship management
- Having Knowledge of Quality Management process as documentation, product identification and Data Analytics

## TECHNICAL SKILLS

Programming Languages	: SQL, PL/SQL, UNIX Shell Scripting, PRO *C, C
Operating System	: Windows, Unix (HP/Solaris), Linux
RDBMS	: Oracle 9i, 10G, 11G, SYBASE
Domain Knowledge	: Retail Banking, Investment Banking
Version/Scheduling Tools	: VSS, CVS, Autosys, Cron, GIT
Project Management Tools	: JIRA
<b>Devops Tools</b>	<b>: JIRA, JENKINS, BITBUCKET,GIT,GITHUB</b>

## EDUCATION

B.E(CSE)., at Ganadipathy Tulsi's Engineering College (Affiliated: Anna University), Vellore., 75.6%, Passed Out 2010

# WORK EXPERIENCE

## **Ramco Systems Pvt Ltd., 2011 - 2013**

Coast Crane Company, Essex Crane Rental Corp USA (Equipment Rentals)

- Programmed Packages, stored procedures, queries, and triggers on Oracle 10g.
- Performed the root cause analysis for the production support issues and guided the team technically in performing the same.
- Customization of existing screens as per customer requirement. Prepare test cases accordingly.
- Implementation of new enhancements, Bug fixing, Performance tuning, new report • Development and Reports Reconciliations.
- Develop and design workflows in Finance and payable management, Master data creation, account set up.
- Lead and mentor a fresher team for designing screens, CR Development and support, Code Construction.
- Identify and resolve issues in Account Receivables and Account Payables.

## **Virtusa/Polaris Financial Technologies Ltd. , 2014 -2020**

Citi Group Global Markets Ltd, UK (Investment Banking),  
Citi Group India (Retail Banking),  
Citi Group Japan Holdings

### **Project 1: Decentralization of Operations Global Support (Investment Banking)**

DOGS (Decentralization of Operations Global Support) is major legacy international settlement and clearance system for Citi Group Global Markets. This involves daily real time trade settlement activity as well as overnight batch processing to provide reconciliations and activity details to various systems. The system also generates automated settlement instructions to various Clearing – Houses agents and receives acknowledgments from them so as to facilitate straight through processing of settlement activity with minimum user intervention.

Within the umbrella of this project, I have worked under various minor projects like:

#### **1. Handling Trades with Priority:**

- This project was done to handle a new scenario called setting priority to the trades that comes in from the upstream.
- A set of trades are given priority and are processed head first in to the DOGS System.
- Liaising with business and various external teams to collect and analyze requirements.
- Design the interface between the systems as well as module design for various publisher/consumer processes in DOGS for exchange of data within multiple systems.
- Worked on a number of minor Bugfixes that were assigned as part of Bug Fix Project.
- Co-ordinate various testing phases – viz. Integration Testing, Regression Testing, Staging Testing – with multiple teams.
- Co-ordinating Major software release activities
- Prepare relevant documentation for all of the above phases.

**Environment** : Oracle 10g, 11g, SYBASE, UNIX SHELL SCRIPTING, JavaScript, HTML

## 2. GBST Syn Ftt:

Transactions on financial instruments between financial institutions when at least one party to the transaction is located in the EU. The trades from GBST syn are processed and tax computed accordingly to the trades that comes in from other systems to Syn and from Syn to GBST.

The IV Back fill reports are produced at the daily and weekly basis for channels airing on both network and syndication weekly. Update the Special Handling file from the information turned in by the area heads.

Update the daily changes on daily & weekly files and take record count, Log count and the Record processed count from the daily & weekly files and it should be sent to onshore and also create the Daily files.

- Analyse the business requirement and design the interface accordingly.
- It's currently on PROD – Parallel run which is undergoing major software activities.
- Daily checks on PROD machine and Autosys jobs
- Starting with we had CPI, Trade Matrix, Trade Mart, TLM, AMC as external systems, in addition to that we have few other external systems to be added to the package.
- Each external system is being developed in to new module.
- Co-ordinate with external clients on daily basis. Loaded data from different source tables to operational data sources.
- Wrote stored procedures to meet needs of Transformation and Report generation.
- Resolve problems encountered in the daily jobs which fails.
- Constant interactions with BA-IM design lead to understand the changing requirements and implementation of the same and resolving queries / issues, if any.
- Understanding existing business model and BI requirements.
- Monitor daily jobs running in production.

### Project 2: Retail Banking

CITI BANK is a globally leading bank specialized for various banking products, such as vehicular loans, personal loans, home loans, domestic and NRI deposits, and others. Assets projects concentrates on the back-end support to the various assets of Citibank India, like personal loan, Mortgages, Vehicular loan etc.

Data from various online transaction processing (OLTP) applications and other sources is selectively extracted, related, transformed and loaded into the Oracle data warehouse using Informatica Power Center ETL tool. The end users can drill through the information using BO. The whole process is completely automated.

Customer wise. The company requires system analysis the sales performance across various dimensions like Region, Product, Period and different level of analysis regarding loan amount, type of Loans, type of customers, type of payment schedules, interest rates (variable or fixed), defaulters list and the interest calculations, etc.

### Responsibilities

- Writing codes using Pro\*c to design front end screen according to the clients' requirements.
- Writing test cases and performing unit testing.
- Analysing and formulating SQL queries and procedures for back end as per requirements
- Preparation of PS and UTP documents, code construction and Unit testing and Integration testing.
- Created new mappings and updating old mappings according to changes in Business Logic.
- Extracting data from various sources involving flat files and relational tables.
- Specs provided and performed Unit Testing.

**Environment** : Oracle 10g, PRO\*C, C, UNIX SHELL SCRIPTING

### **Project 3: Citigroup Japan Holdings (Falcon)**

Part of Citi Japan Group which involves daily real time trade settlement activity as well as overnight batch processing to provide reconciliations and activity details to various systems. The system also generates automated settlement instructions to various Clearing – Houses agents and receives acknowledgments from them so as to facilitate straight through processing of settlement activity with minimum user intervention. Blue Tax is the automated system which runs through autosys for generating reports.

- Wrote stored procedures to meet needs of Transformation and Report generation.
- Minor Bug Fixes.
- Resolve problems encountered in the daily jobs which fails.
- Constant interactions with BA-IM design lead to understand the changing requirements and implementation of the same and resolving queries / issues, if any.
- Understanding existing business model and BI requirements.

**Environment :** Sybase, DB2, Java, UNIX SHELL SCRIPTING , JavaScript

#### **1. TCP, SMTP to SFTP:**

- Migrated the entire Falcon's File transfer system to SFTP.
- Identified the modules where the file transfers are done.
- Implemented the necessary code changes
- Managed a server setup for FTP.
- Tested it in SIT and UAT and promoted it to Production

**Environment :** Java, UNIX SHELL SCRIPTING

#### **2. Sybase to Oracle Migration:**

The original project is based on the database – Sybase. Now which is in phase2 of being migrated to Oracle.

#### **Responsibilities**

- Conversion Of stored procedures to oracle compatible format.
- Deciding and implementing collection objects wherever necessary.
- Generating and Executing the Script to Create the Oracle Database Objects.
- Comparing the result set of Sybase and oracle, so that it matches the test cases.  
Reviewing and approving version of codes committed to GIT.
- Reviewing timesheet entries and exceptions in JIRA

**Environment :** Sybase, Oracle, Java, html, xml, UNIX SHELL SCRIPTING , JavaScript