**YOGAMANIKANDAN GURUSAMY Ph:** (M) +61-451985415

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**PROFESSIONAL SUMMARY**

* A seasoned IT professional with over 13+ years of experience in the software development life cycle, utilizing an Agile methodology for requirement analysis, data design, data profiling, coding, testing, post-implementation support, and end-user interaction.
* Experienced in designing and implementing data pipeline systems for big data applications using **Hadoop, Spark and utilizing Spark's in-memory capabilities** and partitions to handle large datasets efficiently.
* Managed and maintained a fleet of **AWS (Amazon Web Services) EC2** instances, including creating, configuring, and scaling instances as needed for the project.
* Well-versed with importing data using **Sqoop** from **Relational Database Management Systems (RDBMS)** as such as **Teradata** and load it into **HDFS** space.
* Experienced in designing and implementing real-time data processing pipelines using **Apache Kafka and Spark Streaming**.
* Skilled in designing and implementing **Hive scripts** using Hive **UDTF and HiveQL** for efficient data processing and end-user analytics.
* Proficient in utilizing AWS Cloud engineering data services including **EC2, Lambda, S3 and RDS** to manage and implement cloud-based solutions.
* Proficient in designing and deploying highly available and scalable web applications on AWS using **Elastic Load Balancing (ELB) and Auto Scaling**.
* Proficient in integrating **Snowflake** with diverse data sources to centralize and extract valuable insights for organizations.
* Proficient in designing and optimizing **Redshift** data warehouse schemas, ETL processes, and SQL queries to enable efficient data analysis and reporting.
* Designed and implemented a dimensional data model using **Kimball methodology**, which improved data access and query performance by 50%
* Skilled in designing, coding, and debugging applications using **Teradata SQL**, Teradata utilities, and **DataStage ETL** tool.
* Proficient in utilizing **OOP concepts** and design patterns, with extensive experience in using **Python and PySpark** for big data processing and automation tasks.
* Adept in utilizing **CI/CD tools such as Jenkins, TeamCity, and Bamboo** to streamline the software development process and guarantee top-notch software delivery.
* Demonstrated proficiency in working within an **Agile** environment as a data engineer, actively participating in sprint planning, daily stand-ups, and retrospectives.
* Proficient in managing version control of data pipeline and data processing projects using **Git**, including branching, merging, and collaboration with remote teams.
* Skilled in defining, scheduling, and automating complex data pipelines with **Airflow**, and integrating it with various data sources and data processing tools to streamline data workflows.
* Extensive knowledge on **Data Analysis (Time Series)**, Analytical and problem-solving skills, have worked on correcting and migrating erroneous data for few of the core banking systems.
* Skills in identifying and interpreting data patterns, assessing data quality and eliminating irrelevant data.
* Extensive experience in interacting with Business Users/Stakeholders to analyze the business rules and requirements in Banking Domains.

**TECHNICAL PROFICIENCY**

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| --- | --- |
| Languages / Technologies | Python, SQL, Unix Shell scripting |
| Big Data Ecosystems | Hadoop, HDFS, MapReduce, Apache Spark, Hive, Sqoop, Kafka, Oozie |
| Cloud platforms | Amazon Web Services - AWS (EC2, S3, RDS, Lambda, CloudFormation, Redshift) |
| Data modeling | Dimensional data modeling (Kimball methodology), ER modeling, Star schema, Snowflake schema |
| Databases | Teradata, Oracle, SQL Server, Mongo DB, Hive, Snowflake |
| ETL Tool/Framework | Informatica, DataStage, Teradata Control Framework |
| Data Analysis | Time series analysis, statistical modeling, data visualization |
| Data Visualization Tools | Tableau |
| Methodologies | Agile, Scrum, Kanban |
| Version Control | GIT |
| Orchestration Tools | Airflow |
| CI/CD Tools | TeamCity, Jenkins, Bamboo |
| Data Governance Tools | Alation and Collabera |

**WORK EXPERIENCE:**

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| --- | --- | --- |
| **Designation** | **Organization** | **Period** |
| Senior Data Engineer | NAB - Sydney | Apr – 2023 – Till Date |
| Senior Data Engineer | Macquarie Bank - Sydney | July-2021 – Apr - 2023 |
| Assistant Consultant/ Senior Data Engineer | CBA on behalf of TATA Consultancy Services, Bangalore, and Sydney | May-2017 – July-2021 |
| Senior Associate | Walmart in Chennai on behalf of Cognizant Technology Solutions | Mar-2016 - May-2017 |
| Senior Software Engineer | CBA in Sydney/Chennai on HCL Technologies, Chennai | Jun-2009 - Mar-2016 |

**Academic profile:**

* Bachelor of Engineering from **PSG College of Technologies, Anna University** in the year of 2008

*NAB*

PROJECT #1:

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| --- | --- |
| Title | ADA – Source Readiness and Ingestion Team |
| Client | NAB bank in Australia |
| Role | Senior Data Engineer |
| Size | 6 |
| Technologies | Spark, Redshift, S3, Python, AWS services, Airflow, Databricks, HVR |

PROJECT DESCRIPTION:

Tax Transformation Program – ADA is the central platform which consists of data from all sources. So that it can provide the data needs for all downstream systems. Our team is enabling the the data delivery team to focus on building the enrichment layer (Silver layer) as per the data modelling pattern approved by the governance team.

**RESPONSIBILITIES:**

* Participated in requirement gathering and analysis, working with stakeholders to understand their needs and translate them into technical requirements for data pipelines and data processing.
* Designed and implemented a big data processing pipeline using AWS EC2 instances, S3, Hadoop and Spark to process, analyze and store large datasets.
* Configured HVR to enable the HVR replication tool to pick the file from source landing location.
* Creating data pipeline in data bricks to load the data from HVR staging to Bronze layer tables.
* Scheduling the ingestion data flow in HVR either on event basis or time basis.

*Macquarie Bank*

PROJECT #1:

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| --- | --- |
| Title | Tax Transformation |
| Client | Macquarie bank in Australia |
| Role | Senior Data Engineer |
| Size | 6 |
| Technologies | Spark, Hive, Cloudera, Python, AWS services, Airflow, Bamboo |

PROJECT DESCRIPTION:

Tax Transformation Program – Compliance Automation is one of the streams with an objective of digitization of the processes to bring efficiency and control in the process for TAX across region, End to End automation for all Tax return submission process will enable a straight through indirect tax reporting process (invoice to return) as well as able to meet compliance requirements. TPRC ANZ is one of the sub streams under this program. It is intended to also roll out this solution to AMER and the rest of EMEA in due course.

**RESPONSIBILITIES:**

* Participated in requirement gathering and analysis, working with stakeholders to understand their needs and translate them into technical requirements for data pipelines and data processing.
* Designed and implemented a big data processing pipeline using AWS EC2 instances, S3, Hadoop and Spark to process, analyze and store large datasets.
* Configured ELB to distribute incoming traffic across multiple instances in multiple availability zones for improved performance and fault tolerance.
* Created and managed Auto Scaling groups to automatically scale instances up or down based on the demand, ensuring that the application can handle sudden spikes in traffic without downtime.
* Proficient in designing and deploying serverless applications on AWS using AWS Lambda. Skilled in creating Lambda functions in Python, Node.js, and other supported languages to execute code without provisioning or managing servers.
* Worked closely with the core capability team and contributed immensely to build the common ETL framework using Python Metorikku framework and conducted the sessions with data engineers’ community to present this ETL capability.
* Designed and implemented data warehousing solutions using Snowflake cloud-based data platform, including data ingestion, data processing, data modeling and optimization, ensuring high performance and scalability to meet the business needs and analytical requirements.
* Created and managed the DynamoDB tables, indexes, and streams for storing and querying large volumes of data.
* Designed and optimized Redshift data warehouse schemas, ETL processes, and SQL queries to enable efficient data analysis and reporting, resulting in a 50% reduction in query run time and improved data accuracy.
* Developed Python scripts to connect to source systems using REST APIs library (urllib, requests) and retrieve data.
* Conducted performance tuning and optimization of SQL queries to improve database performance and reduce costs, resulting in a 25% reduction in query execution time and a 10% reduction in AWS Redshift usage costs.
* Developed and maintained documentation of the data warehouse architecture, data models, ETL processes, and data lineage, ensuring data lineage and traceability across the data pipeline.
* Designed and implemented a DevOps framework utilizing Python libraries including Pandas, NumPy, and Watchdog in conjunction with AWS Lambda service, resulting in jobs being triggered upon the arrival of files.
* Developed the GUI using Python and CloudFront AWS services to allow business users to update the reference data existing in database.
* Implemented a data warehousing solution using Kimball methodology, dimensional data modeling and HDFS/Impala which improved data access and query performance by 70%
* Performed the data profiling activities as per the ad-hoc request received from the business team and shared the outcome.
* Developed and implemented time series models using Python, and SQL for forecasting and anomaly detection.
* Developed the dashboard in PowerBi using various charts to display the outcome.
* Implemented a data pipeline automation project using Agile methodology and Scrum framework which improved the team productivity by 30%
* Developed and maintained data preprocessing and cleaning scripts using Pandas, including data transformation, feature extraction, and missing data handling.
* Utilized Airflow to automate ETL processes, including data extraction, transformation, and loading from various sources such as SQL databases, CSV files, and APIs.
* Developed and maintained batch jobs using Control-M for scheduling, monitoring and managing data pipelines.
* Proficient in using CI/CD tools such as Jenkins, TeamCity, and Bamboo to automate the software development process and ensure high-quality software delivery.
* Implemented a data pipeline automation project using Git and Bamboo (CICD) to automate the software development process, ensure high-quality software delivery, improve collaboration and code management.
* Participated in code peer reviews, providing feedback and suggestions for improvements on data pipeline and data processing code.

*TATA Consultancy Services Private Ltd*

PROJECT #1:

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| Title | Data Transformation Program (DTP) |
| Client | Commonwealth bank of Australia |
| Role | Data Engineer/Solution Designer |
| Size | 20 |
| Technologies | Spark, Hive, AWS Services, Sqoop, Cloudera, Python, Scala, Teradata, Team city, Tableau |

PROJECT DESCRIPTION:

The Data Transformation Program (DTP) aims to rebuild business banking reports within the Big Data strategic platform. The project involves the transfer of data assets from non-strategic data marts in Teradata and SQL server database platform to the Big Data platform. The objective of the project is to provide portfolio managers and business teams with a comprehensive view of customer product subscriptions, accounts, campaigns, risk, and insights to drive business improvement. The project will result in the creation of Tableau reports that will help stakeholders access and analyze the data in real-time.

Risk Management (Credit and Corporate Financing): Identifying and managing financial risks, such as interest rate risk, currency risk, credit risk, and operational risk.

**RESPONSIBILITIES:**

* Demonstrated expertise in Requirements Gathering, Architecture, and Solution Design for various projects in CBA CBM, A&I platform, BB Analytics, Data & Decision Science (ADDS), specializing in the integration of heterogeneous systems. Successfully delivered projects in compliance with regulatory requirements, executed efficient data migration, assessed credit risk, and provided commercial-grade reporting solutions.
* Designed and implemented scalable ETL pipelines using Scala scripts and Spark's Data Frames API and UDFs for data aggregation and complex query processing.
* Designed and implemented a comprehensive Big Data pipeline utilizing Kafka for real-time processing, ensuring efficient data processing and delivery.
* Leveraged Sqoop to efficiently transfer data to and from various RDBMS such as Teradata and Hive, ensuring seamless data ingestion and retrieval.
* Managed large datasets by utilizing Spark's in-memory capabilities, optimizing partitions, and executing effective and efficient joins and transformations during the ingestion process.
* Designed and implemented cloud-based solutions on AWS including EC2, S3, RDS, and VPC.
* Integrated Lambda with other AWS services such as API Gateway, S3, DynamoDB, and RDS for building highly scalable and event-driven architectures.
* Implemented the use of broadcast variables for reference/lookup tables imported from Teradata via Sqoop, ensuring optimized data processing.
* Contributed to the implementation of a streamlined CI-CD process using GitHub, TeamCity, and the Houston control framework, resulting in efficient integration and deployment of projects.
* Utilized Autosys integration for scheduling and executing jobs in a clustered environment, ensuring seamless workflow management.
* Spearheaded the automation of the data pipeline using TeamCity and Docker, resulting in a 60% reduction in deployment time and improved efficiency.
* Developed a Proof of Concept (POC) using GCP services including Cloud Storage, Compute Engine, and BigQuery
* Designed and implemented a data pipeline that ingested and processed large amounts of data in real-time using Compute Engine
* Leveraged BigQuery to analyze and query the processed data and extract meaningful insights.
* Optimized the data pipeline to improve performance and reduce costs by leveraging GCP features such as autoscaling and data compression.
* Skilled in designing and implementing scalable data solutions for credit data management, financial analysis, and risk management.
* Led a team of 8 members to analyze and identify data anomalies in the strategic platform, particularly for business-sensitive data features. Developed and implemented effective measures to ensure all business-sensitive data features adhere to high data quality standards.
* Assumed a crucial role in the development of data assets in the strategic platform, a system of intelligence for efficient handling of big datasets. This system enables organizations to operationalize AI and deliver enterprise-wide intelligence through ingestion, structuring, and analysis of relevant data, resulting in informed decision-making across the organization.
* Created innovative data models and designs to address unexpected questions and drive informed decision-making in a dynamic business environment.
* Conducted in-depth analysis of live and historical data using time series analysis with the help of Python Pandas to derive valuable insights and inform decision-making.
* Developed and presented interactive and insightful dashboards and reports using Tableau to effectively communicate business insights and support informed decision-making.
* Designed and delivered technical training sessions on various ETL tools, data modeling techniques, ETL frameworks, Big Data architecture, and Python to equip individuals with the skills and knowledge necessary for success.
* Assessed and analyzed the potential risks and impacts of proposed solutions to ensure alignment with business and project requirements, as well as agreed upon architectural strategy.
* Facilitated solution overviews for various stakeholders including the CBA Design Forum, domain experts, business teams, and testing teams to ensure understanding and alignment.
* Played a crucial role in comprehending business challenges and converting them into technical solutions through expert analysis, design, and leadership during the build phase.
* Designed experimental data models and developed prototypes to provide answers to unexpected business questions and drive informed decision-making in a rapidly evolving business environment.

PROJECT #2:

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| Title | Comprehensive Credit Reporting |
| Client | Commonwealth Bank of Australia |
| Role | Solution Designer/Technical Business Analyst/Senior Data Engineer |
| Size | 15 |
| Technologies | Spark SQL, Hive, Sqoop, Cloudera 5.3.10, ERWIN, Python, Scala, Team City, Teradata, Tableau |

PROJECT DESCRIPTION:

The Comprehensive Credit Reporting project is a government-initiated initiative in Australia aimed at improving credit score reporting for retail customers. The project involves populating positive and negative credit scores to major credit reporting bodies such as Equifax, Illion, and Experian, based on the customer's utilization and payment history. This is being done in accordance with the standards set by the Australian Retail Credit Association (ARCA). The goal of this project is to provide a more comprehensive and accurate picture of a customer's credit worthiness to help improve financial decision-making.

**RESPONSIBILITIES:**

* Developed data platforms using Spark SQL, PySpark, Sqoop, and Teradata Control Framework (TCF).
* Developed and maintained ETL pipelines using Scala and Spark to extract, transform and load large amounts of data from multiple sources into data warehousing systems for business analysis and reporting.
* Executed critical ad-hoc SQL statements to generate reports for the business team as a daily responsibility.
* Developed detailed solution designs and documented them in the Solution Design Document, considering the ARCA standards.
* Demonstrated excellent communication skills by effectively translating complex business requirements into comprehensive technical solutions and communicating them to stakeholders with varying levels of technical and business expertise.
* Worked in designing the Solution Design Document based on the ARCA Document: Contributed to the creation of comprehensive solution design documents that aligned with the standards set by the Australian Retail Credit Association (ARCA).
* Translated complex business requirements into end-to-end solutions: Effectively interpreted and translated the complex requirements of the business into well-structured, practical solutions.
* Communicated effectively to stakeholders from business and technical backgrounds: Successfully communicated the solutions to stakeholders from both business and technical backgrounds, ensuring understanding and alignment among all parties involved.
* Developed and implemented data integration strategies to build group data assets by integrating large sets of data from hundreds of internal and external sources.
* Involved in Design approach, end to end coding, Peer review, unit testing and production deployment.
* Worked on an agile methodology and have been involved in daily standups, technical discussions with onshore counterparts, sprint planning, scrum meetings, and have adhered to agile principles and have delivered quality code.
* Analyzed and identified the business sensitive data features present in strategic platform and this helped to ensure that all business sensitive data is adhering to data quality rules. I have led a team of 10 members and have also built automation tool to help the team to improve the productivity in development phase.
* Developed and delivered training presentations on logical data modelling and metadata management.
* Develop experimental data models/ designs to help answer unforeseen questions that will influence decision-making in a rapidly changing business environment.

PROJECT #3:

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| Title | Arcturus Data Migration |
| Client | Commonwealth Bank of Australia |
| Role | Technical Lead/Data Designer |
| Size | 10 |
| Technologies | Python, Datastage, Teradata, Tableau |

**PROJECT DESCRIPTION:**

The Arcturus Data Migration project aims to integrate Bankwest customers into the Commonwealth Bank of Australia (CBA) data warehousing system through a Core Banking Modernization process. This involves transforming and loading complex heterogeneous data into the CBA Operational Data Store to ensure that Bankwest customers have access to the same banking benefits and services as CBA customers. The project is aimed at enhancing the customer experience and providing a seamless transition for Bankwest customers into the CBA system.

**RESPONSIBILITIES:**

* Designed and developed data warehousing solutions utilizing IBM Infosphere Data stage & Quality stage, Teradata, SSIS, Netezza, SQL Server, Oracle PL/SQL, Tableau, Erwin, UNIX Shell scripting and Autosys Scheduler.
* Developed Operational Data Store (ODS), Data Marts, and Decision Support Systems (DSS) using various schema designs such as Multidimensional Model, Star and Snowflake.
* Played a critical role in analyzing data from source systems, defining granularity and mapping data elements, creating indexes, and aggregate tables for data warehouse design and development.
* Involved in writing functional specifications, translating user requirements into technical specifications, and creating ETL source-target mapping documents.
* Implemented a data quality framework to remove anomalies in different data domains such as customer, account, and address.
* Created ETL pipelines using Teradata utilities such as BTEQ, Fast Export, Fast Load, Multi Load, and Tpump to export and load data to/from various source systems, including flat files.
* Optimized data transformation, aggregation, and loading processes using BTEQ and Teradata batch processing scripts.
* Developed automation tools using Python to streamline development and testing activities.
* Constructed HIVE tables on top of flattened data and stored data as ORC files to enable quick read times.
* Created a Hive UDTF function to extract information from XML and transform it into a de-normalized row-based table format that provides individual data elements.
* Developed HiveQL’s to apply business rules and perform structural transformations.
* Wrote shell scripts to run HQLs, capture errors, and log and report any issues.
* Implemented partitioning and bucketing techniques in Hive to optimize code.
* Scheduled jobs in Autosys for UAT and PROD using Maestros.
* Managed a team of 8 members for both onsite and offshore development and support projects.
* Provided end-to-end solutions, including design approach, coding, integration, unit testing, and defect fixing.
* Trained the QA team and support staff on Teradata and HIVE operations.

Cognizant Technology Services

PROJECT #4:

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| Title | DCL RMS (Disney Cruise Line Revenue Management System) |
| Client | Walt Disney Parks and Resorts |
| Role | Technical Lead |
| Size | 8 |
| Technologies | Python, Informatica, Teradata, Tableau |

**PROJECT DESCRIPTION:**

Walt Disney Parks & Resorts, also known as Disney Parks, is one of The Walt Disney

Company’s five major business segments. Originally known as Walt Disney Attractions, it is

responsible for the conception, building, and managing of company’s theme parks and vacation

resorts, as well a variety of additional family oriented leisure enterprises.

Objective of this project is to develop a revenue data management system for Disney Cruise Line (DCL).  The datasets will be used science-based models built on SAS to forecast demand, optimize prevailing price and inventory control decision recommendations. The system has multiple datasets with different metrics and historical data that will help the science team for analytics.

**RESPONSIBILITIES:**

* Played a key role in gathering and analyzing requirements for building ETL pipelines and data assets, ensuring the needs of the business stakeholders were met.
* Spearheaded the design and development of ETL pipelines using IBM Info Sphere Data stage, Teradata, SQL Server, Oracle PL/SQL, and Tableau.
* Created Data Warehouse design and performed data modeling and development activities to build Operational Data Stores (ODS), Data Marts, and Decision Support Systems (DSS).
* Implemented data quality framework to identify and remove data anomalies and utilized tools such as Quality stage and BTEQ to improve data quality.
* Optimized data loading and transformation performance by leveraging Teradata utilities such as BTEQ, Fast Export, Fast Load, Multi Load, and Tpump.
* Developed and maintained automation tools using Python to improve development and testing activities.
* Created HIVE tables, Hive UDTF functions, and HiveQL’s to apply business rules and perform structural transformation of data.
* Implemented scheduling using Autosys and shell scripts to run HQLs and log errors.
* Optimized ETL pipeline performance using techniques such as Hive partitioning and bucketing.
* Managed a team of 8 developers and provided training on Teradata and HIVE operations.
* Conducted requirement analysis, design reviews, implementation, and post-implementation surveys.
* Developed and documented ETL test plans, test cases, and procedures, and performed unit testing and system testing.
* Optimized ETL process performance and improved code maintainability and readability through query optimization and code refactoring.
* Consulted with business stakeholders to identify areas of improvement and developed a tool to send report emails for DDL changes.
* Designed and implemented complex mappings and OLAP SQL functions to meet complex use cases.
* Optimized mapping performance and implemented error handling and unit test strategy.
* Automated batch jobs using UNIX shell scripts and the Control-M scheduler.
* Prepared and presented production/support documents to the production support team.

HCL Technologies

PROJECT #5:

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| --- | --- |
| Title | Core Banking Modernization (CBM) / BAU |
| Client | Commonwealth bank of Australia |
| Role | Senior ETL Developer/Technical Business Analyst/Data Designer |
| Size | 10 |
| Technologies | Teradata, Datastage |

**PROJECT DESCRIPTION:**

Core Banking Modernization (CBM) program is to modernize the bank's core banking system and improve its efficiency, scalability, and flexibility. The program is divided into multiple releases and the data marts are being created as per the requirement to meet the downstream reporting needs. The Base Extract Layer is being built to extract data from multiple upstream sources and load it into the Operational Data Store (ODS) for further consumption. The team consists of Business Analysts, Developers, Solution Delivery Center, and Technology & Infrastructure team, working together to provide solutions to the end-user. The BAU team is responsible for fixing any data warehouse related incidents and handling small work requests/enhancements. The aim is to ensure that the bank's core banking system is modernized and operates seamlessly to meet the growing demands of the business.

**RESPONSIBILITIES:**

* Involved in Data warehouse Design, Data Modelling & Development using IBM Info Sphere Data stage & Quality stage, Teradata, SQL Server, Oracle PL/SQL applications, UNIX Shell scripting and Autosys Scheduler.
* Designed and developed Core Banking Modernization (CBM) ODS, which is the Operational Data Store (ODS) for core banking program that holds all Account information, Client information and all types of transactions from all downstream systems using Teradata and DataStage. This data store feeds data from various source systems into the Bank’s group data warehouse and is also used for extracting different source system data to various other systems within the bank.
* Responsible for taking care of various interfaces and integrating SAP to different systems. The key ones are:
* Loading Account, Client and Transaction details from SAP into data store
* Extracts to CommSee database and application
* Data extract to Credit card system
* Data extract to Debit card system
* Campaign data extracts for bulk price option switch to SAP
* Benefit Level Pricing extract to business
* Bulk Fee Refund and Reversals Extract to SAP (BFRR)
* DOFA Accounts Report to Reserve Bank (Department of Finance and Administration Accounts)
* Interest Rate Risk Management Reporting Extract to Business
* Loan Accounts Statement notification extract to Net bank system.
* Extracts to Commission Calculation System
* Data Extract to Empire Mainframe system
* Data extract to Fee Rebate System (FRS)
* Location Services Extract
* Extracts for statements from Dialogue system
* Processed data to SAP from LMIMS System (Lender Mortgage Insurance Management System)
* Youth Saver Accounts Switch Extract
* Transaction data extract to EDTS system (Electronic Data Transfer Standard System)
* Also worked on Designing and Loading Account data, Event data and Customer related data into CBM GDW (Group data warehouse) in Teradata using FSLDM and Star Schema.
* Delivered multiple tasks with quality under high work pressure and fulfilled customer needs and meeting their expectations.
* Successfully modelled solution for various Home Loan system Incidents/Issues to ensure the data is in sync between Source System (HLS), Operational Data store (ODS) and SAP system.
* Played Data designer role in one of the Profitable projects for the bank to enhance the Account Tax data and GCPS data in GDW space.
* Developed an automation tool using Python and Teradata SQL to identify data anomalies in Cards System and this created an opportunity for credit card business team to correct the erroneous data in the system.

**ACHIEVEMENTS AND AWARDS:**

* Received Quarterly Team Awards - Q1'2019 for the Best Team Collaborator and “Thanks a Zillion” from TATA Consultancy Services for outstanding contribution in project.
* AIM R&R Innovation Award (Cognizant): Q3 & Q4 (2016-2017).
* Innovation Champ Award (Cognizant).
* Awarded with “Leading Lights” for excellent contribution in project at Commonwealth Bank of Australia.
* Appreciated by TATA Consultancy Services management for the outstanding contribution to resolve the design flaws in different projects.
* Have received special mention for managerial capabilities during Client Visit, exhibiting excellent problem-solving skills and stretching that extra mile to analyze/debug issues.
* Have been appreciated widely for the value add built and offered to the entire business unit which saved around 1 million AUD overall per year.
* Have delivered the project which was so critical to the business by playing different roles such as Lead data engineer/Solution Designer/Technical Business Analyst.

# PERSONAL INFORMATION:

Name : Yogamanikandan Gurusamy

Location : Sydney, Australia

Citizenship : India

Language Known : English, Tamil

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