Kanmani Thamizhanban

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A skilled data engineer with proven expertise in using new tools and technical developments to drive improvements throughout an entire data lifecycle. Having an extensive industry and exceptional analytical, design and problem-solving capabilities. Excellent communication skills and to be able to work alongside support teams and the data community to define and refine data to get greater insights which drives important business decisions. Currently looking for an ambitious company which will challenge my developer and problem-solving skills using effective automations and allow me to continue to develop my knowledge and potential as well.

⚙ Professional Summary

- Overall **5+ Years of IT experience** in software development includes requirement analysis, design, STM creation and development of data warehouses, testing and deployment.
- Led a team of 3 members that involves code development, migration, tracking, hyper care support of the completed product and mentoring them with my strong interpersonal and communication skills.
- Extensive Working knowledge on Oracle database and write SQL scripts and complex queries to perform data transformations based on the business requirement.
- Have extensive functional knowledge in widely used Healthcare industry applications – Veeva CRM application, Organization Manager, Orchestrated Customer Engagement-Sales (OCE-S), OCE-Marketing.
- Specialized domains: Pharmaceutical, eCommerce & Digital Marketplaces, Specialty Retail

📊 Skills

Programming Languages	DWH/ETL tools	Database skills	Data integration tools
Python (pandas module)	Informatica Intelligent Cloud Services	Oracle 10g/11g	MuleSoft Anypoint
C, C++, My SQL	Informatica PowerCenter	SAP HANA	IICS
MATLAB	Nexxus ETL	SQL Server DB	
Project Management Skills	**Scheduling and automation tools**	**Reporting tools**	**Web-Based Skills**
Agile SDLC	Automic UC4	Microsoft Power BI	API
JIRA	TIGER, Autosys	Tableau	Web Scraping
SNOW/ CSH-CSM	Komodo	MS Excel	
Release Management	**Code Version Control**	**Scripting language**	**Software/ Tools**
Atomic TMS	GitLab	Microsoft PowerShell	Postman [API]
Jenkins	Git CI/CD	UNIX Shell	Jupyter notebook

👤 Education

Post Graduate Diploma in Business Analytics
Conestoga College, Doon campus, Kitchener, ON, Canada

📅 September 2023 - Present

🏅 Career Highlights

- Certified as **'Full-Stack Automation Engineer- AI and Analytics'**
- Certified in DLF3.0 Delivery Foundation Academy (DFA).
- Achieved **Gold badge** in Information Security Advocate training.
- Participated and represented my team in **Global Technology Innovation Contest 2023**.
- Accenture **Star of the month- October 2022**.
- Appreciated and recognized with reward points under the categories of '**Incredible work**', '**Best People**', '**Client Value Creation**' and '**Always do the right thing**' for staying on top of any assigned tasks, issue resolution, closely working with client to gather requirements, timely handover of deliverables within proposed timeline with zero defects and encouraging team to follow the same.
- Designed and implemented **Alert Using Audit Framework** to reduce the manual testing efforts completely by 100% on data reconciliation and proactively decreasing the number of incidents or requests pertaining to data issues. This solution can be leveraged by any retail client handling any customer or order related critical data.
- Worked with automation utilities to automate daily tasks along with its scheduling and post validation that were done manually.
- Increased the efficiency of existing ETL processes **by more than 60-90%.**
- High Performance recognition for Results through teamwork and execution.
- Got Appreciated by client for **performance tuning** at both source and transformation level for any long running workflows and QL queries and reduced the time taken by 95%.

💼 Professional Project Experiences

❖ Data Engineering Senior Analyst
📅 May 2021 – July 2023

Accenture Solutions Pvt. Ltd. • Bangalore, India [Signet Jewelers-US]

Currently leading a project which involves building ETL pipelines for data migration from a legacy system to Hybris system for daily transactional purposes.

Responsibilities:

➢ Finding innovative ways to complete the assigned tasks in spite all the IICS limitations and working on performance bottlenecks to improve long running workflows which will now enable client to accomplish the expected results in much shorter duration.

➢ Proactively involving and contributing to Design, impact analysis of the user stories independently and able to provide estimation in Backlog grooming for legacy data migration project.

➢ Creation and automation of weekly and monthly reports/dashboards through Power BI for presenting it to clients which give them insights about the number of requests and incidents that are being handled by the team and to plan the resources allocation accordingly.

➢ Groomed ASE and SE technically, who are junior team members, so that they can work independently on any critical situations thus helping them to develop their managing and decision-making skills.

➢ Frequently volunteering to participate in projects that extend beyond by job responsibilities as and when required.

➢ Currently working on Audit framework that will automatically capture and consolidate any data discrepancy in data extracts and trigger a notification to client for further actions from their end.

❖ Application Development Specialist 1
📅 November 2019 – April 2021

IMS Health Analytics (IQVIA) • Bangalore, India [Roche Pharma- Switzerland]

I worked in Organization Manager tool, which is a web-based application with data feeds to/from third-party applications for the client to maintain healthcare data such as preparing company's organization structure in advance without impacting the Production environment (not necessary to lock the end users). Perform simulation of a new sales organization before going live, without impacting the Sales Force operational activities (avoid many corrections afterwards and potential disruption). Make analysis via reports (e.g., vacant territories, gain/loss customers). Provide complete historic views of sales force alignment structures and employee details (past, current, and future).

Responsibilities:

➢ Experienced with Lexi (iPaaS), an API layer to facilitate real-time integration of 3rd party systems that connects Informatica MDM to Salesforce platform to monitor the payloads for maintaining data integrity across the systems. Data validations are done using Postman API to validate the payloads.

➢ Monitoring MuleSoft logs and involved in activities to create dashboards and reports for splunk implementation.

➢ Automated the data comparison process across MDM, OM and Salesforce systems to capture data discrepancies using python and SQL queries in Jupyter notebook for proactive monitoring thus improving data accountability for client.

➢ Creation of reports using TIGER tool and automated it to send the data discrepancies to client for their further investigation to proactively ensure the data quality. Performance tuning of complex sql queries and workflow thus reducing the execution time of the processes.

❖ Data Engineering Analyst
📅 September 2016 – June 2018

Accenture Solutions Pvt. Ltd. • Bangalore, India [Shire pharmaceuticals-US]

Creating Enterprise Data Warehouse (EDW) for the client to maintain healthcare data which includes account enrolment and visibility, territory alignments, calls management and aggregate spend. Using this data, we help to improve client's business by providing data insights on periodic and ad-hoc basis.

Responsibilities:

➢ Development of Informatica mappings, sessions, different tasks, and workflows to extract data in XML files/format from reporting layer.

➢ Preparing basic shell scripts to do post processing of generated files e.g., zipping, renaming, archiving, encryption of files etc.

➢ Involved in writing Unit test cases for different scenarios (data validation, count, junk, duplicate, null checks etc.)

➢ Extracting data from different sources like flat files, Oracle database and creation of mappings using different transformations like source qualifier, expression, aggregator, router, sorter, lookup, and update strategy transformation.

➢ Involved in handling data exception scenarios.

➢ Hands on experience in tuning mappings, identifying, and resolving performance bottlenecks in various levels like source, targets, mappings, and sessions.

➢ Responsible to work on SR's raised by Business and other Vendors mostly dealing with the data requests.

➢ Responsible to work on WR's identified by us to Improve/Automate the process.