

KANMANI THAMIZHANBAN

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Portfolio: <https://kanmani.site>

PROFESSIONAL EXPERIENCE

ACCENTURE SOLUTIONS PVT LTD.

Data Engineering Senior Analyst

Bangalore, India

May 2021-July 2023

- Spearheaded the project orchestrating Extract, Transform, and Load (ETL) pipelines from a client-server location to a daily transactional (Hybris) system. Achieved a 100% reduction in processing time for daily transactional needs.
- Systematically addressed constraints within Informatica Intelligent Cloud Services (IICS), enhancing workflow efficiency with a 60% improvement in data processing speed, and exceeding client expectations.
- Led the design and analysis of user stories, ensuring precise estimations and risk mitigation for a significant data migration initiative, independently resolved roadblocks, saving over 4 labour hours per day by scheduling and completely eradicating manual efforts for data validation, and reflected a 25% increase in project efficiency.
- Developed and automated detailed Power BI reports, resulting in a 95% reduction in manual reporting efforts.
- Provided technical mentorship to junior team members, fostering autonomy and refining decision-making and leadership capabilities.

IMS HEALTH ANALYTICS (IQVIA)

Application Development Specialist 1

Bangalore, India

November 2019-April 2021

- Proficient in Lexi (iPaaS), facilitating real-time integration and data integrity between Informatica MDM and Salesforce and executing data validations using Postman API.
- Monitored MuleSoft logs, contributing to dashboards and reports for Splunk implementation.
- Automated data comparison across MDM, Organization Manager, and Salesforce systems using Python and SQL queries in Jupyter Notebook, resulting in an 80% reduction in processing time.
- Generated TIGER tool reports, automating data discrepancy notifications to clients and performance tuning of SQL queries and workflows, achieving a 20% efficiency improvement.
- Conducted analyses through reports, providing comprehensive historic views of sales force alignment structures and employee details for informed decision-making.

ACCENTURE SOLUTIONS PVT LTD.

Data Engineering Associate

Chennai, India

September 2016-June 2018

- Developed Informatica mappings, sessions, tasks, and workflows to efficiently extract XML-formatted data from the reporting layer. Implemented shell scripts for post-processing tasks, including zipping, renaming, archiving, and encryption.
- Formulated comprehensive unit test cases addressing various scenarios, such as data validation, count, junk, duplicate, and null checks.
- Managed Service Requests (SRs) from Business and other Vendors, with a primary focus on data requests, and Work Requests (WRs) aimed at enhancing and automating existing processes.
- Established an Enterprise Data Warehouse (EDW) and leveraged it to deliver valuable data insights to the client on both periodic and ad-hoc bases.

EDUCATION

CONESTOGA COLLEGE

Kitchener, ON, Canada

Post Graduate Diploma; Major in Business Analytics

- 3.95 GPA
- Completed Coursework: **Data Analytics, Business Intelligence Tools, Big Data Analytics, SQL and Data Analysis, Project Management**

SKILLS

- | | | |
|---------------------------|----------------------|-----------------------------|
| • Oracle DB | • SQL | • Postman API |
| • SAP HANA | • Microsoft Power BI | • Unix/PowerShell scripting |
| • Microsoft SQL Server | • Informatica | • Salesforce-Veeva CRM |
| • Informatica PowerCenter | • Intelligent Cloud | • performance |
| • Nexxus ETL | • Services (IICS) | • improvement/tuning |
| • Git | • Advanced Excel | • Jupyter Notebook |
| • Jenkins | • Tableau- Basic | • Splunk monitoring |
| • AWS S3 | • JIRA | • Web scraping |
| • MuleSoft Anypoint | • SNOW | • Python |

ACCOMPLISHMENTS

- **Directed a 5-member team**, overseeing code development, migration, tracking, hyper-care support, and mentorship with strong interpersonal and articulation skills.
- Represented the team in the **Global Technology Innovation Contest 2023**.
- Designed and implemented an Alert Using Audit Framework, **eliminating 100% of manual testing efforts** for data reconciliation and thereby a 90% reduction in incidents or requests related to data issues as anticipated.
- Recognized for excellence in '**Star of the Month**,' '**Incredible Work**,' '**Best People**,' '**Client Value Creation**,' and '**Always Do the Right Thing**' categories.
- Achieved a Gold badge in **Information Security Advocate** training.
- Enhanced the efficiency of existing ETL processes by **60-90%**.
- Received client appreciation for performance tuning of long-running workflows and complex SQL queries, which resulted in the reduction of their execution time taken in the SAP HANA database from 3 hrs to 1.5 mins
- Specialized domains: **Pharmaceutical, eCommerce & Digital Marketplaces, Specialty Retail**.
- Language proficiency: Fluent in Tamil, English, and Hindi; Beginner proficiency in French.

CERTIFICATIONS

- Certified as 'Full-Stack Automation Engineer- AI and Analytics'
- Certified in DLF3.0 Delivery Foundation Academy (DFA)