**Arunagiri**

###### Expertise

* Data analysis to identify the product instrumentation gaps
* Infrastructure setup, roles creation and rights allocations
* Tableau reports and dashboard developments, administration and implementation
* Power BI Summary report design
* Implementation of BI servers and Data Integration tools
* Migration of Teradata queries to Big Query to improve report performance
* Informatica v9 & v10 end-to-end implementation
* Implementation of TLS 1.2 encryption for DIT process in Oracle thin and thick clients
* Database administration and query tuning and execution analysis
* Dataflux and enterprise scheduler Active Batch v8 administration
* ETL Development, Maintenance, Bug Fixing, enhancement, query analysis for performance tuning
* Automation of archival process & design housekeeping strategy/data retention
* Upgrades to platforms/applications/databases for continued compliance
* AWS ETL support
* SAP Redwood scheduler development
* Data migration from salesforce application to Redshift DB for business analytics
* Data aggregation and Mining to enterprise data landing zone
* Hands on experience in CICD tools Bitbucket, Jenkin, Perforce and Nolio

###### Experience Summary (last decade)

**Sep 2019 –** Till Date**,** Data Engineering Lead – Altimetrik Corp, MI.

**Apr 2013 – Sep 2019,** Technology Lead – Altimetrik India Pvt Ltd, Chennai, India.

**Mar 2011 – Apr 2013,** DBA – Informatica in Technosoft Global Services, Chennai, India

###### Certification and Training

* Certified developer in **Cognos** 8 & 10
* Certified on advance calculation methodology, Sentiment analysis for **Tableau**
* Cloud data services using **A**mazon **W**eb **S**ervices
* Administration on Tableau servers, Microsoft **Power BI** ecosystems.
* Data base administration on **Cassandra** DB training
* Enterprise scheduler migration from BMC Control M to AMV8 UC4, SAP Redwood, Active Batch scheduler.
* **DevOps** **CI/CD** automation tools training
* **Informatica** Power Center, MDM, HF & EBF

###### Key Accomplishments

* Successfully upgraded Informatica from 8.x, 9x and repository upgrade from 10g to 11g for 72k Workflows.
* Involved various EBF to Informatica Server, based on Redhat Linux patches.
* Involved and co-ordinated with cross functional team to implement parallel servers for Informatica upgrade from 9.x to 10.x
* Involved end to end implementation of TLS 1.2 for Oracle DB servers for DIT process.
* Implemented Olympus release tool and its ecosystem to standardize the process.
* Implemented security encryption technique enablement in classified data.
* Involved with ops team to identify the bottle neck and engaged appropriate team to optimize runtime.
* Implemented source data archival automation for future investigation and data quality based on portal dashboard limitations.
* Successfully implemented new/upgraded ETL hosts to ESB to attain the enterprise compliance.

###### Detailed Project Summary

**#1 AutomateNext – Application integration to Client system**

Client: FIS, CA, USA

Role: Technologist Engineer – Architecture & Integration

Large scale process transformation program, focusing on process rationalization, modernization through automation of requirements intake, client implementation process workflow, application configurations to shorten the client implementation cycle. This results in quick time to market, servicing significant increase in demand YoY on product installations and implementations. Extensive use of Decisions.com based smart forms for intake automation, Generation of automated configurations using the captured data and mitigating manual tasks on translating client requirements to application configurations.

**Key Achievements:**

* Played a key role in end-to-end implementation of decisions.com framework to be used by Client implementation teams, resulting in $350K projected savings on a 5-year period
* Designed integration with Corporate Data Platform/ Data Lake through REST APIs.

**#2 CSAP – Customer Success Analytics Platform**

Client: PayPal, San Jose, CA, USA

Role: Visualization / Product Analytics Er/Technical Business Analyst

Customer Success Platform program trust and believes the customer support experience helps people expand their financial potential and deepen their loyalty. As part of new modernization and moving into cloud-era, Salesforce is implemented for Customer Success Program, this is replacing internal tool and which it has the long journey. Application performance on prediction accuracy, Override success, Decision access. Agent performances are calculated based on adoption rate, average time spent, adoption rate, Task completion rate and daily stats with comparison.

**Key Achievements:**

* Developed and created various product behavioral insights in Tableau.
* Product owner will work with tools team to improvise/tune the product based on insight.
* Developed insight from Kafka live stream data to observe tool behavior right after go live.

**#3 ODP – MVP on nCino and MDM**

Client: SVB Financial Group

Role: ETL Engineering consultant

**Description:**

nCino is the single application which replaces multiple internal application and satisfying the business needs. ETL processing is performed using Informatica Cloud Infrastructure which loads data directly to S3 layer which is using salesforce and Oracle connectors and finally it loaded into Redshift for report and analysis.

**Key Achievements:**

* Jenkin CI/CD pipeline for code and script deployment.
* Perforce CI/CD implementation for Informatica ICS objects.
* Implemented Git bash for all code backup

**#4 VBS – CTA Reporting**

Client : Visa Inc., CA, USA

Role : Engineering coordinator/Technical Business Analysist/Report developer/Admin

**Corporate Travel Accounts Reporting** is an initiative Visa Business Solutions Team to categories the corporate Visa cards and its utilizations across travel. It is categorized in to various parts like mode of travel, stay, car rentals. Also, it requires to provide matched vs unmatched dashboard for the corporate users for only Europe and North American users. This insight will help corporate to allocate budget for corresponding category. This process has been automated using Tableau implementation.

**Key Achievements:**

* Played a key role in end-to-end implementation of infrastructure setup for the CTA program.
* Implemented intermediate hive tables and improved performance of report generation

**#5 People Data Warehouse/ HR-Analytics**

Client: PayPal, San Jose, CA, USA

Role: Technical Business Analyst in HR Analytics

**People Data warehouse** (PDW) is an initiative from the People BI team to create a Single source of truth for all People data for PayPal Inc. PDW is receiving different type of source feed from multiple people applications. The key functions the PDW will serve will be Workforce planning & optimization, People Analytics & BI. BI – Operations loading snapshot data to PDW on daily basis. Based on Agile methodology, all required workforce analysis and spent total hours, productivity of employees, cost effective methods of workforce for engagement are calculated.

**Key Achievements:**

* Implemented TLS 1.2 in ETL and BI team servers to connect Oracle servers for DIT.
* Made DML changes and improved performance by reducing runtime.
* Implemented rule-based data quality process in ETL code.
* Implemented enterprise CI/CD automation Olympus tool HRZ and prevented manual deployment issues

**#6 Site ETL Management/EDW operation Market places from Data Center**

Client: PayPal, San Jose, CA, USA

Role: Site reliability engineer/Command Center Engineer

**Description:**

PayPal is an eBay, Inc. PayPal is the leading international e-commerce business that allows payments and money transfers to be made through the Internet all around the globe. This project is to provide exhaustive support to PayPal’s several high critical LOBs such as Merchant Reporting, FINOPS and several other external clients’ settlement applications by actively monitoring and administering the ETL infrastructure which is considered to be one of the world’s largest Informatica Grid with currently 24 worker nodes available for load balancing the several thousand ETL jobs that run 24x7

**Key Achievements:**

* Successful migration from Informatica v8 to v9 for enterprise job.
* Implemented various Informatcia EBF to resolve PCI upgrade issues.
* Played a key role in Golden gate to ADG migration program for Informatica code base.
* Successfully migrated enterprise schedular from UC4 to Control M jobs.
* Provided Administration and support for various MFT Tools
* Provided platform support to various hosts across ETL, Settlement, Risk and Compliance related hosts and its services.