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PRATISH DASH

PROFILE

- 12 Years of technical and functional leadership experience with customer digital transformation service deliveries across creation, design & deployment of centralized data systems.
- Experienced in creating data modernization roadmaps for various domain customers.
- Experience in Data Architecture and Management across multiple domains likes Banking, Agro-Manufacturing and Travel hospitality business.
- Experienced in designing modern Lakehouse with Google BigQuery.
- Experienced in leading and hands-on BI modernization initiatives in Microsoft Power BI service.
- Expertise in handling T-SQL with very strong experience in writing stored procedures and user defined functions in SQL Server 2005/2008 R2/2012/2016/2019 and Azure DW.
- Hands on experience of creating Tabular models in Azure Analysis Services.
- Experienced in Design and Development of ETL jobs using Azure Data Factory
- Experienced in architecting Enterprise Data Lakes in Google Cloud Storage and EDW in Google BigQuery.
- Certified in **Mongo DB NoSQL design development and administration.**
- Data modelling experience in **Netezza DW** appliance, **Google BigQuery** and SAP HANA DB using **HANA Studio**
- Generation of **R** graphs using **Shiny** Package**.**
- Hands-on **BI report design** using **MicroStrategy** Desktop and Web, PowerBI Desktop and Report Builder and **MS SQL Server Reporting Services**.

TECHNICAL SKILLS

- **OS Systems:** Windows Server 2003/2008/2012/2016/2019
- **Languages:** C#.NET, R, VB Script
- **Databases:** IBM DB2, MS SQL Server 2005/2008R2/2012/2016/2019, Azure DW, Netezza DW, Teradata DW, Google BigQuery
- **Project Management:** Data Leadership & Modernization, Services Offering Manager
- **Applications & Tools:** R Studio, PowerBI Desktop, PowerBI Report Builder, IBM DataStage Designer, DBeaver, Informatica PowerCenter, MicroStrategy Desktop and Web, MS SQL Server Management Studio, DAX Editor
- **Other:** T-SQL, NZ SQL, HANA SQL, BigQuery SQL

EXPERIENCE

Data Transformation Leader   **Jul 2021 - Present**

TCCI - Google Business Unit   *Saskatoon, Canada*

- Strategize the Digital Transformation of current legacy landscapes into Google Cloud Platform.

- Develops the roadmap for Data Modernization for various domain customers.
- Lead Architect for design and deployment of modern Data Lakehouse structures with datamart for various domain customers of TCS Google Business Unit.
- Create and mentor architects teams to prepare best practices for data mapping for consumption by data engineering team.
- Optimize the deployment of Data lakehouse structure in Google cloud storage and BigQuery.
- Design and deployment of consumption layer in BigQuery interfacing reporting and analytics use cases.
- Recruitment, motivate, mentor and train Data Engineering and Analytics team to use modern GCP tools like Dataproc ELT patterns, data mapping and optimization of warehouse SQL queries.

Transition Manager, Data Lead & Enterprise Architect   **Jan 2019 - Present**

Tata Consultancy Services Canada Inc.   *Saskatoon, Canada*

- Leading various Data Services initiatives in TCS-Nutrien Relationship in Argo – Manufacturing Retail and Wholesale business divisions.
- Designed and developed Power BI reports and apps for customer ELT. The reports were mainly on Finance, Administration and Operations domains of the customer.
- Design and development of PowerBI best practices for project and operations team reducing impact on HANA DW.
- Helping in optimizing the SAP HANA DW views used in various BI Reporting frameworks.
- Created a custom framework using VBA and Power Query for daily email for operational and executive reporting.
- Helped in service introduction and offshore teams in various functional areas in the wholesale business division.
- Helped to create milestones and transition plans across IT towers ensuring smooth handover-takeover between customer and vendor teams.
- Helped to create knowledge repository and run-books in IT apps which helped for future references for on-boarding new employees/contractors.

Data Lead & Data Architect   **Apr 2016 – Dec 2019**

Tata Consultancy Services   *Pune, India*

- Create data models for the Accounts Payable Data mart in Azure DW
- Designed and developed ETL flows using Azure Data Factory and T-SQL Stored Procedures ensured proper history capturing through SCD when moving to EDW layers.
- Designed and developed PowerBI reports on top of Azure Analysis Tabular model.
- Deployed PowerBI reports to service and supported user queries and enhancements.
- Helped to support ETL failures and enhancements in IBM DataStage.
- Implemented best practices in Data Operations (DW-ETL and BI apps support) and ensured minimum business impacts during peak and month-end closures.

Data Analyst   **Apr 2014 – Apr 2016**

Tata Consultancy Services   *Pune, India*

- Designed various market segmentation POCs using customer EDW and twitter data using stream API in R.
- Created a word cloud using R and implemented top used banking products for the customer bank.
- Developed Informatica ETL pipelines for US banking client and handled supporting the ETL flows for morning DW loads.
- Designed and developed various custom cubes and freeform EDW queries for business requirements in MicroStrategy desktop.
- Developed and published dashboards in MicroStrategy Web.
- Implemented helpdesk and L1 support practices for IT apps for the Trading systems for customer banks across HKSE, FTSE, TSX & NYSE

Data Analyst   **Oct 2013 – Mar 2014**

Tata Consultancy Services HK   *Hong Kong*

- Designed and developed various stored procedures in T-SQL for application backend processes
- Created best practices for IT change and release management for Trading floors for customer at HKSE.
- Designed customized workflows (included milestone approvals from ELT) for various IT projects
- Configured the JIRA layout and design, integrated with SVN
- Configured custom fields and email response and actions associated with the emails.
- Configured fisheye for source code integration into JIRA issues.
- Created custom security access management for JIRA with various users and group managed through windows AD groups.

Data Analyst & Solution Designer   **Jan 2010 – Oct 2013**

Tata Research Development & Design Centre   *Pune, India*

- Design and development of custom statistical logic in T-SQL Stored procedures and custom functions.
- Development of the user interface and tickets input screens using C#.NET custom design pattern.
- Created various statistical plots using R and stored into SQL Server backend tables.
- Created exploratory data analysis using R scripts.
- Implemented various statistical data mining procedures for extracting historical tickets data and derived business insights for process improvement.
- Created various business capability presentations for customers across Banking & Financial domain, Entertainment and Media, Manufacturing and Lifesciences industries.

EDUCATION

Bachelor of Technology in Computer Science   **Jul 2005 – Apr 2009**

Biju Patnaik University of Technology   *Bhubaneswar, India*

- Recognized by WES as bachelor's degree equivalence.

REFERENCES

Upon Request