Anand Prakash Raj

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Professional Summary

- **SQL/BI Developer** with **4.1+ Years** of development experience in **MySQL, Microsoft SQL Server, Microsoft Power BI tool and ETL tool.**
- Experience in all phases of SDLC such as Design, Development, Testing, Defect Management and Deployment.
- Experience in developing SSAS (Tabular Model) and Power BI Reports using different **DAX queries**, visuals, filters, and configuring Dashboards with drill down Capabilities.
- Working knowledge on Power BI objects like Dashboards, Reports, Power Views, Creating Workspaces, Sharing dashboards, **Row Level security** Implementation.
- Hands on experience in MySQL and MS SQL Server Database.
- Good Knowledge on Power BI **Data Modeling** and **Data Warehousing** concepts like Star Schema, Snow Flake Schema, Dimensions and Fact Tables.
- Good experience of Performance Tuning with the help of **DAX Studio**.
- Worked with testing team to create test cases for unit, link and system testing.
- Excellent Communication Skills and Quick Learner for Next Generation Technologies.
- Expertise in working in challenging environments with restricted timelines.
- **Team player** with good analytical and problem solving skills.
- Good Analytical, Presentation, and Interpersonal Skills with proficiency in demonstration, and business requirements.

Work Experience

Wifi Learning (SQL/BI Developer)
June 2020 to Present

Technical Skills

- Languages Known   : SQL, Python, DAX, M-Query (Power Query), VBA for Excel.
- Database   : MySQL and MS SQL Server Databases.
- Libraries   : Pandas, NumPy, Matplotlib, Seaborn.
- Tools   : MySQL Workbench, Jupyter-Notebook, Power BI Desktop, DAX Studio, SSIS, SSAS (Tabular Model), Basic and Advance Excel.
- AI Tool   : GPT 3.5,4.o

Professional Project

As Power BI Developer

Project 1: Walmart's Sales Forecast

Project Description: This project aims to explore the Walmart Sales data to understand top performing branches and products, sales trend of different products, customer behavior. The aim is to study how

sales strategies can be improved and optimized. The dataset was obtained from the [Kaggle Walmart Sales Forecasting Competition] (https://www.kaggle.com/c/walmart-recruiting-store-sales-forecasting).

Tool & Technologies Used   : MySQL, Microsoft Power BI and DAX

Project Summary– The major aim of this project is to gain insight into the sales data of Walmart to understand the different factors that affect sales of the different branches.

Roles& Responsibilities:
- ✓ Lead developer for Power BI Team.
- ✓ Estimation, Resource management and planning.
- ✓ Interacting with design & analysis team to understand business requirement and complexity of Reports.
- ✓ Analysis and development of complex Reports, Dashboards and DAX Queries.

Project 2: Coffee Shops Sales Report and Dashboard

Project Description: This project aims to explore the Coffee Shop Sales data to understand top ordering coffee category and outlets, sales trend of different products, customer behavior. The aim is to study how sales strategies can be improved and optimized

Tool &Technologies Used   : MS SQL Server, Microsoft Power BI and DAX

Project Summary– The major aim of this project is to gain insight into the sales data of coffee shop to understand the different factors that affect sales of the different outlets.

Roles& Responsibilities:
- ✓ Responsible for communicating to client.
- ✓ Lead developer for Power BI Team.
- ✓ Estimation, Resource management and planning.
- ✓ Interacting with design & analysis team to understand business requirement and complexity of Reports.
- ✓ Analysis and development of complex Reports, Dashboards and DAX Queries.

Project 3: Royal Bank of Canada (RBC)

Project Description: This project focuses on analyzing data from the Royal Bank of Canada (RBC) to understand customer churn. The objective is to identify factors contributing to customer attrition and develop strategies to improve customer retention and optimize overall customer satisfaction. By examining customer behavior, transaction history, and engagement metrics, the project aims to provide actionable insights that can help RBC enhance its customer experience and reduce churn rates.

Tool & Technologies Used   : Microsoft Power BI, DAX, SQL Server Database and SQL.

Project Summary– This project analyzed data from the Royal Bank of Canada (RBC) to identify factors contributing to customer churn. The goal was to develop strategies for improving customer retention and optimizing satisfaction by examining customer behavior, transaction history, and engagement patterns.
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and many more project on different domain.

As SQL Developer

Project 1: Student Record System (SRS)

- ✓ Increased Performance of SQL Codes to give output faster and accurate.

- ✓ Used Joins, Subquery, CTE, Functions, Procedures for Project.
- ✓ Handled **DML** operation over the table to perform essential functionality.
- ✓ Imported the Data through Excel and created SQL table to the same.
- ✓ This was an Educational Domain project.
- ✓ SRP helps school and NGOs for managing extracurricular activities for students.
- ✓ Implemented a user-friendly database structure.
- ✓ Reduced barriers and boosted team productivity by 25% through real-time collaboration features using python.

Project 2: Unicef India

- ✓ Used **DML, DDL** Commands to handle the Data for the client,
- ✓ Performed **data cleaning, feature engineering** to get the best suitable features to build our visualization reports.
- ✓ Worked Azure Data Factory for Transferring Data from BBCRM to Our Azure SQL Machine.
- ✓ Created new **Stored Procedures Functions** to fetch data from the limited window for the same.
- ✓ Used **CTE, Temp Tables, view, Query Optimization, Performance Tuning** to resolve burden over the machine for the long run.

Project Summary: – Led the creation of UI documents and the development of data-driven solutions for various internal stakeholders. This involved managing and optimizing data workflows, ensuring data integrity through cleaning and feature engineering, and enhancing the performance of SQL queries and procedures. Additionally, I played a key role in transferring data between BBCRM and Azure SQL using Azure Data Factory and implementing robust data retrieval processes.
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…. Many more

Certification

PGP in DSE Oct'23 Batch (Left)
Great Learning's, Gurgaon (INDIA)

Educational Qualification

Degree	Institute	Year of Graduating	Percentage
B. Tech (Mech.)	Institute Of Engineering and Technology, Alwar (Rajasthan Technical University, Kota)	2018	72.65%
XII	Bihar Secondary Examination Board (BSEB)	2014	68.8%
X	Bihar Secondary Examination Board (BSEB)	2012	76.6%

Achievements

- ✓ Qualified in the Graduate Aptitude Test (GATE) in Mechanical Engineering discipline (2018,2019).
- ✓ I also qualified in several PCS Pre-Exam and Mains Like BPSC.

Co-Curricular Activities

- ✓ Active participation in Cleaning Movement, Social Awareness at HHA (Alwar)
- ✓ To teach student who are deprived of their basic education.

Declaration: I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Anand P Raj