PRAKHAR AGRAWAL

Data Engineer

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SUMMARY

2+ years specializing in Power BI report development using SQL, Excel, SharePoint, Azure Synapse, and Tabular models. Experienced in Agile Software Development methodologies and proficient in leveraging Azure DevOps to meet client needs effectively. Skilled in crafting Microsoft Power Automate flows and Power Apps for enterprise-level user-friendly applications. Strong command of DAX query writing and adept in SQL query development. Acknowledged for prompt delivery of high-quality Power BI reports, earning client praise.

EDUCATION

Galgotias University

Bachelor's Degree in Computer Science and Engineering - 8.10 CGPA
2018 – 2022

Shah Faiz Public School

Central Board of Secondary Education
2016 – 2018

St. John's School

Indian Certificate of Secondary Education
2014 – 2016

SKILLS

Microsoft Fabric
Tabular Editor
SQL
Power BI
DAX
Microsoft Excel
Azure DevOps
Java
Git
PySpark
Dataflow Gen2 / Data Pipeline
Data Factory / Warehouse

TRAINING

Introduction to Microsoft Fabric
Microsoft Fabric Workshop
Azure Synapse Analytics
SQL Database
Azure DevOps

PROFESSIONAL EXPERIENCE

Data Engineer

MAQ Software | 2022 - Present

Power BI:
- Developed numerous Power BI reports for an industry-leading IT firm, addressing client needs.
- Created over 7 Power BI reports and handled 20+ change requests that facilitated client with key business decisions based on KPIs.
- Utilized Power BI external tools to optimize visual load times, reducing load times by 30% across 10 reports using DAX Studio, Tabular Editor, and DAX Formatter.

Data migration and RLS:
- Executed data migration from Azure Synapse to Tabular model datasets, significantly cutting down report refresh times from 5 minutes to 2 minutes for multiple Power BI reports.
- Implemented Row-Level Security in reports, empowering the client to control data visibility based on user permissions for enhanced data protection and access control.

Azure DevOps:
- Leveraged Azure Dashboard User Stories to address client requirements and resolved Power BI report bugs efficiently using Azure DevOps for effective communication

Associate Data Engineer

MAQ Software | 2021 - 2022

- Worked in Agile Sprint-based Software Development.
- Involved in the complete Power BI report development cycle including requirement, Analysis, Design, Implementation, Testing, Deployment and Maintenance.
- Analyzed data as per business requirements. Created high quality Power BI reports, Dashboard and KPIs to provide meaningful insights of data.
- Implemented DAX, SQL queries and Automated tools based on SQL and PowerShell.

ACCOMPLISHMENTS

- Exam DP-600: Implementing Analytics Solutions Using Microsoft Fabric (Microsoft Certified: Data and AI Engineer Associate)
- Received client appreciation for successfully setting up Git in Azure DevOps and integrating Fabric in the Power BI workspace.
- Recognized by clients for the development and publication of a Power BI report.
- Rewarded with the MAQ Software Spot Award of the Quarter in 2023.