

Ankit Kumar

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PROFESSIONAL SUMMARY

Highly motivated Azure Developer working in KPMG having 6.3 years of experience in Data Engineering, ETL solutions, Data Warehouse, Data Migration, Application Development and Power BI reports. Have Worked on cloud Technologies that includes Azure-Data Factory, Azure SQL DB, Azure Data Lake Gen-2, GCP, Databricks, Power BI, SQL Server, T-SQL. Demonstrated leadership quality, teamwork skills, and ability to work under minimal supervision.

He has strong domain knowledge in Life Science and Health Care Industry and is proficient in translating business requirements to technical requirements. Also worked on domain like Finance and Renewable Energy.

PROFESSIONAL CERTIFICATION

Microsoft Certified: Data Analyst Associate

Microsoft Certified: Microsoft Azure Data Engineer

EDUCATION

LOVELY PROFESSIONAL UNIVERSITY

Bachelor of Technology-ECE

Phagwara, Punjab

April 2011 – March 2015

SKILLS

TOOLS: Azure Data Factory, Databricks, Azure DevOps, MSBI, Power BI, Jira, Service Now

ETL/ANALYTICS TOOLS: Azure Data Factory, Databricks. Power BI

DATABASE: SQL Server, Teradata, Azure SQL DB, Azure Synapse

LANGUAGE: T-SQL, Python, pyspark

CERTIFICATION: DA-100 (Microsoft Certified Data Analyst Associate), DP-203 (Microsoft Certified Data Engineer)

OTHER: Azure DevOps, Azure Logic App, Azure Key Vault, Visual Studio, Gitlab CI, Exploratory Data Analysis.

CORE COMPETENCIES

— Data Engineering	— Business Process Automation
— Solution Designing and Architecture	— Data Analytics
— Data Visualization and Reporting	— Project Management

EXPERIENCE

KPMG

Cloud Data Engineer

Gurugram, Haryana

Oct 2021 – Present

JOB Responsibilities: -

- Spearheaded Engagements for multiple key accounts, leading team of 4 people and generating **1.2+ Crore** in revenue annually.
- Conceptualized & developed **10+ automation** solution using python/Databricks for finance and Renewable Energy client.
- Increased efficiency by **30%** via automating business Process by using **Python, ADF, Logic Apps**.
- Integration of **GCP** with Azure for **Vertex AI** model Training.
- Automation of Model Training, Price Forecast Batch Prediction automation on **GCP** using **Cloud Function**.
- Development of ADF pipelines for extracting data from heterogenous Sources including **SAP BW**.

KEY PROJECTS IN KPMG:

AZURE Data Lake and Data Warehousing

- Structured data lake and Warehouse solution for client in finance and renewable Energy.
- Designed Azure Data Factory pipelines and dataflows for processing and transforming data.
- Worked on development of Stored Procedures for finance use case.

- Worked on the development of Databricks Notebook.
- Was involved in the development of Azure analysis service model which was used by BI team for creating reports.
- Developed Various Logic Apps to refresh the Analysis Service models, Pause and resume Analysis service models.
- Developed Various other Logic App to automate Business task. (Email specific report to business, upload report to SharePoint)

Power Trading Automation

- Worked with Business owner to automate their day-to-day task using Python Scripting.
- Fetch data from Blob and update designated cells of multiple sheets of Excel Macro for multiple sites.
- Transfer the created sheet to SharePoint location for Business to use place Bid **on IEX and Power Exchange markets**.
- Create JSON from the Bidding Sheet provided by business.
- API Call to POST the JSON bid to the Exchange server.

GCP Vertex AI Automation

- Worked on Google Cloud Function to create automation script for Model Training, Batch Prediction.
- Worked on Vertex AI Workbench to develop and test the script.
- Integration of input Data from Azure to **GCP** and training results from **GCP to Azure blob**

Tracker Shadow /Blade health Annotations/ Condition Based Monitoring

- Worked with Data Scientist Team to create data based on DS team requirement.
- Worked on Databricks notebook to create input data for model training for various sites and different **OEM(Original Equipment Manufacturer)**
- Worked on building ADF pipelines for all the use cases mentioned above.

DELOITTE

Azure BI Developer

Bengaluru, Karnataka

May 2017 – Oct 2021

- Developed ADF pipelines for extracting data from heterogeneous source systems, transforming and loading into the Database.
- Developed reusable dataflow using Azure Data Factory and performed R&D for several functionalities in Data Factory to improve process and functionalities.
- Worked with different sources and destinations such as MS Excel, Flat Files, SQL Server, Teradata DB, Azure Blob Storage, Azure Data Lake Zen2 etc.
- Worked with Various transformation logic such as Conditional Split, Merge, Union, Lookup, Join, Derived Column, Aggregate, etc.
- Extensively worked on SQL Server Management Studio for extracting data using T-SQL Queries, stored procedures, and views.
- Experienced in making reports like Financial & Sales Report, Growth Analysis, Expenditures, Profit /Loss, etc. reports
- Worked extensively on requirement analysis, design, development, and unit testing.
- Experienced in handling responsibilities independently as well as a proactive team.

COGNIZANT

Developer

Chennai, Tamil Nadu

January 2016 – April 2017

- Incorporate the business rules specific to State of Minnesota for the enhancement activities.
- Responsibilities include understanding the application, setting the local environment, analyzing the requirements received from client, designing solutions, code development, code review, testing and providing solutions to the issues.
- Extensively worked on defect fixing and testing the changes during Unit phase, Integration phase, System phase and User Acceptance phases.
- Coordinates the development, unit testing and final implementation of the enhancement and defect fix activities.
- Ticketing tool will be used to track the Requirements using request number.
- Worked extensively on requirement analysis, design, development and unit testing.
- Experienced in handling responsibilities independently as well as a proactive team.

OTHER PROJECTS

CLAIMS ANALYTICS

Tools & Technologies: Azure Data Factory, Azure Blob, Azure Key Vault, Power BI, T-SQL

Developed ADF pipelines to extract data from various source system and load into Warehouse. Performed various Dataflow transformation logic on data to achieve business requirements. Developed SQL script to extract transform the data. Worked significantly on error handling and capturing rejected data.

Also Involved in Data modelling and created a reporting system to report claims Analytics metrics such as Claim Amount by Health Plan, Claim Amount by PT, Total Claims by member/Provider, Claims by Procedure etc. Power BI reports are shared with end-user and Stake holders.

Roles & Responsibilities:

- Enhancement of the Existing Warehouse.
- Development of ADF pipelines, ETL solutions to Load Warehouse.
- Worked with multiple Sources and sink such as excel, SQL Server, Azure Blob, Azure DW, etc.
- Involved in ETL Testing of the new system.
- Also contributed on the development of Power BI reports.
- Worked on the implementation of role base security and RLS.
- Collaborate with client to understand the business requirements.
- Onshore-Offshore co-ordination for development handover.
- Technical sessions for new team members.

EDP - MARKETING

Tools & Technologies: Azure Data Factory, Azure Blob, Azure Key Vault, Power BI, T-SQL

Enterprise Data Platform on Microsoft Azure. Development of new Datawarehouse to manage the data across disparate systems.

Developed ADF pipelines to extract data from various source system and load into Warehouse. Performed various Dataflow transformation logic on data to achieve business requirements. Developed SQL script to extract transform the data. Worked significantly on error handling and capturing rejected data.

Roles & Responsibilities:

- Enhancement of the Existing Warehouse.
- Understanding client requirements to transition data from multiple point of sale system to cloud lake.
- Development of ADF pipelines, ETL solutions to Load Warehouse.
- Worked with multiple Sources and sink such as excel, SQL Server, Azure Blob, Azure DW, etc.
- Involved in ETL Testing of the new system.
- Collaborate with client to understand the business requirements.
- Onshore-Offshore co-ordination for development handover.
- Technical sessions for new team members.

AWARDS/HONOUR

- Awarded 'Outstanding Award' for saving around 1 million dollars for my client and was recognized by MD for the excellent work.
- Received 'Spot Award' thrice for timely delivery of production release for Anthem in Deloitte.
- Received 'Applause Award' for completely taking over and leading the Tablebase team with good throughput ratio in Deloitte.

EXTRA CURRICULAR ACTIVITIES

- Founding member, UPAYA, social welfare club Lovely Professional University
- Member, Robotics, and Intelligence System Community of Lovely Professional University

OTHERS

LANGUAGE: English, Hindi

HOBBIES: Listening to music and reading books