

## Skills

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- SQL (SQL Server, MySQL, PostgreSQL)
- Azure Data Factory (ETL, Apache Spark, Informatica)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse)
- Azure Synapses
- Microsoft Power BI

## Work Experience

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### DATA ENGINEER – Infinity Business Solutions

September 2022 – December 2023

- Analyse, design, and build modern data solutions using different Azure PaaS service to support Data modelling, engineering, database design.
- Created schedule triggers to automate **Data factory** and **Synapses pipelines**, utilized data factory to schedule DataBricks notebook activity.
- Developed and implemented an **ETL** pipeline using Azure Data Factory, resulting in a **20%** reduction in data processing time.
- Developed **ADF** pipelines for data cleaning, event enrichment, data aggregation, de-normalization and data preparation needed for BI reporting.
- Utilized **Azure DevOps** and CI / CD to automate ARM deployments.
- Developed and tested robust data pipelines using **AWS** and Apache Airflow, demonstrating entrepreneurial skills by leading innovative projects, and ensuring efficient cloud-based solutions.
- Worked on user access control, and Azure Key vault to secure keys and passcodes.
- Created story telling dashboards using **Power BI Desktop** and published into Power BI services, automating reports using gateways.
- Implemented and developed new reporting solution to allow operations and financial users access to Power BI reports, using **DAX** and **Power Query**.
- Published reports, managed groups, users, workspaces, data sources, and connections in **Power BI services**.
- Created complex stored procedures, functions, database triggers (DDL, DML), views, and indexes.

### DATA ENGINEER – Trust Financial Corp.

November 2019 - December 2020

- Migrated on-premises data warehouse to Azure Data Lake, achieving a **40%** improvement in data accessibility for business users.
- Design and create ETL pipeline using **Azure Data Factory** to automate extraction, transformation and loading into Azure SQL Data Warehouse.
- Maintained data consistency through reusable **pipelines** that validated data integrity during **ETL** processes.
- Implemented data streaming capability using ADF Tumbling Window triggers for multiple pipelines to process data from **OLTP** to **OLAP** systems.
- Written complex **SQL** statements to create joins, views, procedures, indexes, and triggers to meet business needs and to support BI solutions.
- Developed storytelling reports using **Power BI** and **Tableau**, publishing them into Services, for end-user insights.
- Created complex dashboards and used advanced chart visualizations in **Power BI**, Utilized **Power Query** to Unpivot and Pivot the data model for data cleansing.
- Applied complex business logic with User-Defined-Functions, Index Views and created User defined Data type, Clustered & Non-clustered Indexes.

## DATA ANALYST– Comcast

April 2019 - November 2019

- Utilized Proficiently utilized **SQL, Python, Excel** and **Power BI** for seamless data extraction, manipulation, and compelling visualizations, driving informed decision-making and strategic insights.
- Leveraged **Robust Analysis** skill to identify and interpret trends in complex data sets, leading to actionable business insights.
- Utilized advanced **Analytical Technique** abilities to identify patterns and trends in complex data sets, driving the development of strategic recommendations.
- Managed and analyzed **customer data** by proactively identifying patterns and trends to drive business decisions.
- Utilized **SQL** queries to perform cohort analysis on **customer data**, identifying **behavioral patterns** and crucial for targeted marketing strategies, boosting customer engagement and retention rates by **25%**.
- Applied advanced **SQL** techniques in **SSMS** for precise data analysis and reporting, employing Joins, subqueries, and windowing functions effectively to support sales initiatives.
- Collaborated with **e-commerce team** to integrate **Google Analytics** data into a Power BI dashboard to visualize website traffic, resulting in a **18%** increase in user engagement and **22%** rise in conversion rates.
- Played an integral role in multiple **marketing campaigns**, leveraging data analysis to offer strategic recommendations, resulting in successful outcomes and enhanced campaign performance.
- Proficiently utilized **MS Excel** concepts (VLOOKUPS, Pivot Tables, Power Query) for in-depth data analysis and created compelling visualizations to effectively communicate insights to non-technical users.
- Assisted with regular **ad-hoc requests** using **SQL** for up-to-the-minute insights.
- Developed and maintained strong working relationships with key stakeholders to ensure the effective use of customer data in business planning and strategy.

## Education

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**MASTER OF SCIENCE IN DATA SCIENCE AND ANALYTICS** – University of Hertfordshire – Hatfield, UK February 2023  
Majors: Business Analytics, Data analysis, Data Mining, Python, Data Visualization, java

**BACHELOR OF SCIENCE IN ELECTRONICS AND COMMUNICATION ENGINEERING** – Vardhaman college of Engineering – Telangana, India April 2019

## Certification

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**DP-203:** Azure Data Engineer.

**DP-300:** Microsoft Certified Power BI Data Analyst.