

**Tushar Bansal**

**Email:** tusharbansal2509@gmail.com

**Mobile:** 07786271737

**Graduate work visa**

**No work sponsorship  
needed**

## **PROFILE**

A skilled and experienced data professional with proficiency in ETL, data warehousing, programming languages, data visualization, and cloud services. Expertise in Python, SQL, and R, with a strong ability to extract and load data while utilizing tools such as Azure Data Factory, Synapse Analytics. Demonstrated capability in analyzing complex data sets and delivering impactful insights to stakeholders. MSc graduate in Big Data Analytics from Sheffield Hallam University, ready to contribute value to data initiatives in your organization.

## **Skills**

- **ETL:** Data flow, Azure Data factory
- **Data warehouse:** Azure SQL, Azure Synapse Analytics, Big Query, Hadoop Hive and EDW Oracle
- **Programming Language:** Python, SQL, and R
- **Data Visualization:** Tableau, SAP cloud analytics, matplotlib, seaborn
- **Environment:** Azure, Google Cloud Services and Docker

## **EXPERIENCE**

Webhelp UK

Sheffield, England

**Insight Analyst**

**January 2023 – November 2023**

- Conducted data analysis to identify trends and insights related to customer behaviors, product performance, and marketing campaigns.
- Created dashboards and performed statistical calculations, forecasting and trend analysis using Tableau to provide insights to stakeholders.
- Worked on data quality using SQL server database and presented reports using pivot tables and v look ups using Excel to stakeholders.
- Collaborated with cross-functional teams to drive business decisions and improve client experience.

Advent Global Solutions

Bengaluru, India

**Data Engineer**

**June 2020 -August 2021**

- Developed the pipelines in Azure Data factory for various scenarios to meet business requirement using blob storages and ingesting the data into azure synapse analytics.
- Worked on Azure logic apps to schedule, automate, and orchestrate tasks and developed logic apps to trigger email notification whenever the pipeline failed using web activity.
- Design E-R diagram of relational database and apply appropriate schemas according to the business requirement using SQL in Azure Synapse Analytics.
- Extracted raw data from multiple sources and worked on data lakes using Spark data frames with Python in Databricks.

## **EDUCATION**

**Master of Science, Big Data Analytics**

**Sheffield, England**

Sheffield Hallam University

Sept 2022

**Grade: Distinction**

- **Dissertation:** Customer Segmentation using Recency, Frequency, and Monetary of customers using clustering technique of E-commerce store. Suggested the personalized customer discount voucher Gold,

Silver, and Bronze with 20%, 15%, and 10% respectively using Python libraries like pandas, skit learn and NumPy.

- **Advance Data Management Project:** Utilization of hospitals beds and deaths in United States due to different diseases from 2007 to 2021. Focused on recovery rates and impatient bed and created dashboard and compare with different geographical area. Data extracted from multiple government sources with the help of API's created data pipelines using R-studio for ETL, used Hadoop Hive for data warehousing and Tableau for visualization.

## **Bachelor of Science, Computer Applications**

Dr. Bhim Rao Ambedkar University

May 2020

**Grade – Merit**

## **INTRESTS**

- Music (Sing songs and learning classical vocal)
- Cricket
- Cooking (Indian Cuisine)