# Muhammad Usama Awan

*Data Engineer*

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in muhammad-usama-awan  ⊙ usamaawan97  ➤ Portfolio

## 📇 Profile

A **Data Engineer** with over **5** years of experience in delivering cutting-edge data solutions that drive business growth and innovation, mostly in the **Ecommerce domain**. An accomplished professional who **builds systems** that collect, manage, and convert **raw data** into **usable information**. Extensive hands-on experience in designing, deploying, and testing **ETL/ELT pipelines** in **Azure Data Factory**, **Azure Synapse**, **Data Analysis** using **Power BI**, **Big Data** processing using **Azure Databricks**, **SQL-based** solutions, and **Data Warehouse**.

## 💼 Professional Experience

**Consultant - Data Analytics**                    10/2023 – present
*Systems Limited* ⧉                                 Lahore, Pakistan

Currently work as a Data Engineer and the following are my job responsibilities.

- **ETL/ ELT** using **Azure Synapse**.
- **Ad Hoc** Reporting for **Customer Insights** and Marketing Team.
- Manages Purchase History Tables of Customers for **Marketing Campaigns**.
- **Data warehouse** management using Dataverse and Synapse.

**Data Engineer**                                   02/2023 – 09/2023
*the ENTERTAINER* ⧉                                 Lahore, Pakistan

Worked as a Data Engineer and the following were my job responsibilities.

- **Ad Hoc Reporting**
- **Data Analysis** in **Azure Databricks** using **PySpark**.
- **ETL/ ELT** using **Azure Data Factory**.
- Manages **Data warehouse** and **Reconcile** Sale and Purchase Orders.
- **Collaborate** with **stakeholders** to identify requirements and recommend data solutions to meet business needs.

**Software Engineer**                               04/2021 – 02/2023
*Rubik's Technologies* ⧉                            Lahore, Pakistan

Data Engineer who mainly focuses to provide solutions using **Microsoft Azure Services** to improve the performance and value of the solutions.
Experience:

- Design, Develop and monitor **ETL/ ELT Pipelines** using **Azure Data Factory.**
- **Collaborate** with **UK/US clients** to identify requirements and provide data solutions.
- Integration of **Business Central** to **Third-Party Services**, including **Azure Data Factory, Azure Key Vault, Azure Storage, Azure Logic App, Azure AD Authentication, SQL Server Management Studio, SFTP**
- Create **reports** and **dashboards** using **PowerBI**.
- **API/Web** Service efficient integrations

**Associate Software Engineer**                     08/2019 – 07/2020
*A J Software Private Limited* ⧉                     Lahore, Pakistan

- Developed Web Application using Amazon Web Services to implement a solution for Banking Web Application in core Java. Integrated with Angular Front-end using Web Services.
- Learned Java Concepts
- Implemented Code Refactoring.

**Tools:** NetBeans, Toad, GitHub, TortoiseGit, Advanced Rest Client, and similar software.
**Technologies:** Jakarta EE, MySQL, WildFly

## 🎓 Education

**Bachelor in Computer Science**
2015 – 2019
*Punjab University College Of Information Technology* ⎘
Lahore, Pakistan

**F.Sc Pre Engineering**
2013 – 2015
*Government College Township* ⎘
Lahore, Pakistan

**Matriculation**
2011 – 2013
*Workers Welfare Higher Secondary School* ⎘
Lahore, Pakistan

## 📑 Certificates

Microsoft Certified: Azure Developer Associate ⎘

Microsoft Azure for Data Engineering ⎘

Python Foundations for Data Analysis & Business Intelligence ⎘

Data Warehousing with Microsoft Azure Synapse Analytics ⎘

Introduction to Microsoft Azure Synapse Analytics ⎘

## 🧠 Skills

Microsoft Azure │ ETL │ Azure Synapse Analytics

Azure Data Factory │ Datawarehouse

Azure Databricks │ PySpark │ Python │ SQL Azure

Microsoft Power BI │ Azure Data Lake │ Azure Storage

Azure Key Vault │ Spark SQL

## 📁 Projects

**Data Exchange Project (E-commerce)** ⎘
06/2021 – 11/2022

**Data warehouse for Reporting** ⎘
10/2021 – 12/2021

**Formula 1 Project (Personal)** ⎘

**System Design Documentation** ⎘
01/2023 – 02/2023

**Business Central (BC) OAuth Integration** ⎘
05/2022 – 06/2022

**Reconciliation File for Orders (E-commerce)** ⎘
02/2022 – 03/2022

**Adventure Works Report (Personal)** ⎘

**Sales margin, Sales Outlook Reports** ⎘
10/2021 – 03/2022

**Shipping OTIF Report** ⎘
09/2022 – 11/2022

## ✦ Interests

Watch and play Cricket │ Create Videos For Youtube

Create Posts For Fb Page │ Read Books

## 🌐 Languages

English │ Punjabi │ Urdu