BHARTI KUMARI

DATA ENGINEER

CONTACT

- ☎ +91 9347369617
- ✉ Bharti.de.45@gmail.com
- ⌂ Hyderabad, INDIA
- 💼 Linkedin.com/in/bharti-k-0798032b6

CERTIFICATIONS

(EDUREKA & COURSERA)
- o Azure Data Engineer
- o Microsoft Azure for Data Engineering
- o Business Analyst Using Power Bi
- o PySpark
- o Data Transformation Pipeline Building
- o Apache Spark Developer using Python
- o Microsoft Azure Data Factory
- o Data Warehousing with Azure Synapse Analytics
- o Azure Databricks
- o MS SQL Database Administrator
- o Linux Fundamentals

SKILLS

- o **Data Engineering & ETL:** ETL Development, Build Pipelines, Data Modelling, Data Transformation
- o **Big Data & Processing:** Apache Spark, Spark Streaming, PySpark, Hadoop HDFS
- o **Cloud & Azure Services:** Azure Data Factory, Azure Databricks, Azure Synapse, Azure Data Lake
- o **Programming & Tools:** SQL, Python, Linux, Power BI
- o **Methodologies:** Agile/Scrum (Sprint Planning, Delivery)

EDUCATION

English Lit. & Public Administration Graduate (University of Kota) 12/2017

WORK EXPERIENCE

Software Developer   **09/09/2024 – Present**
US International Technologies Pvt. Ltd. (UST), Hyderabad
- o ETL development, optimization & monitoring for large-scale pipelines
- o Proficient in SQL, Python & big data frameworks
- o Experience with ML models: Regression, Decision Trees, Random Forest
- o Data modelling, schema optimization & quality validation
- o Data migrations across relational, NoSQL & cloud platforms
- o Data security & compliance with RBAC and encryption

PROJECTS

US International Technologies Pvt. Ltd. (UST), Hyderabad

Healthcare Revenue Cycle Management (RCM) Data Engineering Project
- o **Tech Stack:** Azure Data Factory, Azure Databricks (PySpark), ADLS Gen2, Delta Lake, Azure SQL DB, Azure Key Vault, Unity Catalog
- o Designed & implemented **Medallion Architecture (Bronze–Silver–Gold)** pipelines for Healthcare RCM data (EMR, Claims, NPI, ICD, CPT).
- o Built **config-driven ingestion pipelines** in ADF, loading SQL & flat file data into ADLS Gen2 (Parquet).
- o Implemented **incremental/full loads, audit logging, archival, and parallel execution** for performance.
- o Developed **PySpark transformations** (CDM, SCD2, cleansing, quality checks) to populate silver layer.
- o Modelled **Gold layer Fact/Dimension tables** (Patients, Providers, Claims, Encounters) for KPI reporting.
- o Integrated **external APIs (NPI, ICD)** and standardized schemas across hospital systems.
- o Secured solution with **Azure Key Vault, Unity Catalog & pipeline monitoring**.
- o Enabled **business reporting, ML models & KPI dashboards** to refine AR collections.

Azure Cloud Stack
- o **End to End Project**: I actively took part in a domestic end-to-end project focused on sales analysis. My contributions included **data mining, data transformations, data modelling, data warehousing, and data visualization**. ensuring the project's success and offering valuable insights. **Data migration** from Blob Storage to Azure Databricks, configuring Clusters and Notebooks.

HOBBY

- o Martial Arts