

# Sanjay Kumar Sahu

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## EDUCATION

Bachelor of Engineering in Mechanical Engineering

Mar '14 - Mar '18

Rungta Engineering College | Bilai, Chhattisgarh

## PROFESSIONAL EXPERIENCE

### SENIOR ANALYST

Jul '22 - Present

ACCENTURE | Hyderabad, Telangana

- Designed & developed **E2E ELT** pipeline in **Azure Synapse** for digitizing **300+ Excel files** and ingest the data into DWH.
- Utilized **Power BI** to develop an extensive **11-page report** for the planning & optimization team, reducing the effort from **2 week to 30 mins**.
- Written **26 consumption views** having complex business logic in **Azure Synapse** using **SQL** for Power BI.
- Developed a data driven framework to refresh **30+ Power BI KPI/Report datasets** and notify data team incase of any failures.
- Created a **PySpark** application to ingest daily Future contracts data from Yahoo Finance using **yfinance** library.
- The application was hosted on **Azure Databricks** and it was integrated in **Azure Data Factory**, scheduled everyday to capture daily price data.

### TECHNOLOGY ANALYST

Dec '21 - Jun '22

INFOSYS | Hyderabad, Telangana

- Developed various pipelines which were used to ingest data from sources - **SAP S4 Hana, MDM, FTP servers, APIs** to the database.
- Created Stored Procedures for transforming data from staging tables to Target tables.
- Created consumption view for **Power BI Dashboard**.
- Tech involved: Azure Data Factory, Azure Databricks, Azure SQL Database, Power BI, Azure Key Vault

### SENIOR SYSTEMS ENGINEER

Mar '21 - Nov '21

INFOSYS | Hyderabad, Telangana

- Developed an **ETL** pipeline in **Azure Data factory** for ingestion and used **Azure Databricks** for transforming the data.
- Tech involved: Azure Data Factory, Azure Databricks, Azure SQL Database

### SYSTEMS ENGINEER

Dec '18 - Feb '21

INFOSYS | Hyderabad, Telangana

- SQL Developer and Azure Data Developer, used stack such as - **Azure data lake, Azure blob storage, Azure data factory**.

## TECHNICAL SKILLS

Programming Languages - SQL, Python, PySpark

Databases - MS SQL, MySQL

Big Data Technologies - Hadoop, Spark

Dashboarding Tool - Power BI

Cloud Services - Azure Data Factory, Azure Databricks, Azure Synapse, Azure Data Lake

Developer Tools - Git, Azure Devops, Visual Studio Code

## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals | April 2021
- Microsoft Certified: Azure Data Fundamentals | June 2021
- Microsoft Certified: Azure Data Engineer Associate | October 2021
- Microsoft Certified: Power BI Data Analyst Associate | January 2022
- Microsoft Certified: Azure AI Fundamentals | June 2023
- Databricks Certified: Data Engineer Associate | May 2024