

NARAYAN SAHU

DATA ENGINEER

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Summary

Data Engineer with 4+ years of experience in building scalable ETL pipelines, data warehousing, and reporting solutions using Azure Data Factory, SSIS, Python, SQL Server, Snowflake, and Power BI. Proven success in delivering mission-critical projects for UnitedHealth Group, including DSNP and DMEVS. Recognized for rapid learning, collaboration, and innovation with multiple performance awards for problem-solving, collaboration, and innovation. While my primary strength lies in data engineering, I have also contributed to AI-enabled workflows, including developing a RAG-based chatbot (Clinical Intelligence System) to support healthcare insights. Passionate about leveraging data to drive business insights and operational efficiency.

Technical Skills

Programming Languages: SQL, Python

Cloud Computing: Azure Data Factory, Azure SQL, Azure Blob Storage, Azure Databricks

Data Warehousing: Snowflake

Reporting Tools: Power BI, SSRS

Data Engineering Tools: SSIS, Python, Azure Data Factory

Databases: SQL Server, Azure SQL, Azure Cosmos DB

Certifications: AI Dojo - Generative AI by OTU, Microsoft Azure Fundamentals (AZ-900)

Work Experience

Optum India (UnitedHealth Group) – Bangalore, India

Mar 2024 - Present

Data Engineer

Bangalore

- Designing, developing and optimizing data pipelines and **ETL** processes.
- Implemented data transformation and data quality checks using **SSIS, Python** and **Azure Data Factory** to ensure the reliability of daily data loads.
- Integrated and processed reaction data from multiple sources including **Snowflake, Azure Cosmos DB, SQL Server** handling various file formats like JSON, CSV, and excel.
- Implemented SSIS and python packages for reverification, resulting in an 80% decrease in processing time for handling a daily data refresh of around 10 lacs records.
- Automated Job Scheduling using **SQL Server Agent** and for **Azure**, used **Azure Data Factory** for orchestrating pipelines.
- Built **Power BI dashboards** for job monitoring and performance tracking

Optum India (UnitedHealth Group) – Bangalore, India

Jan 2022 - Feb 2024

Associate Data Engineer

Bangalore

- Developed ETL workflows using **SSIS** and **Python** (Pandas, NumPy).
- Integrated data from **Oracle, Snowflake**, and other sources for state verification.
- Created complex **SQL views, stored procedures, and triggers** to support business logic.
- Authored optimized **SQL queries** and followed best practices for code quality and performance.
- Worked on Azure migration using **Azure Data Factory, Azure SQL, ADLS Gen2, Azure logic app**.
- Participated in Agile ceremonies and supported QA/UAT phases.

Education

Fakir Mohan University, Balasore

2018 - 2021

Master in Computer Application

8.2/10 CGPA

Berhampur University, Bhubaneswar

2015 - 2018

Bachelor of Computer Applications (BCA)

70%

Additional Highlights

Strong understanding of SDLC, Agile/SCRUM, and Test-Driven **Development (TDD)**

Excellent communication, problem-solving, and team collaboration skills

Quick learner with a proactive approach to new technologies and challenges

Certified through **Optum AI Dojo** program and recognized among the Super 30 by Optum's CTO.