

# Dewansh Vishwakarma

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## TECHNICAL SKILLS:

**Programming & Database:** Python, SQL, MySQL, PostgreSQL, MongoDB

**Big Data & Processing:** Apache Spark (PySpark), Apache Kafka

**Cloud:** **Azure** (ADLS, Synapse, Databricks, Data Factory, Event Hub), **AWS** (Lambda, Kinesis, S3, Redshift, QuickSight)

**Orchestration, Version Control & Containerization:** Apache Airflow, Git, Docker

## CERTIFICATIONS:

**Microsoft** Azure Data Engineer Associate | CS 50: Introduction to Computer Science | SQL for Data Science

## EXPERIENCE:

**Data Science Intern** | Cognifyz Technologies

February 2024 - March 2024

Processed and analyzed large datasets using Python and SQL, uncovering key business insights to support data-driven decision-making.

**Data Science Intern** | Oasis Infobyte

November 2023 - December 2023

Utilized Python and SQL to analyze company data, helping optimize processes and enhance decision-making efficiency.

**Data Science Intern** | The Sparks Foundation

October 2023 - November 2023

Developed interactive dashboards and reports by analyzing complex datasets, enabling businesses to make informed strategic decisions.

**Data Science Intern** | Bharat Intern

August 2023 - October 2023

Conducted data mining and pattern analysis to identify critical trends, improving decision-making and business strategy

## PROJECTS:

[Link](#) | **AI-Driven Fraud Detection Pipeline Using Azure**

**Tech Stack:** Azure Event Hub, Databricks (PySpark), Synapse, ADLS, Azure ML, Apache Spark

Developed a scalable real-time fraud detection pipeline processing transactions.

Applied PySpark transformations and integrated an ML model to identify anomalies with 70% accuracy.

Orchestrated alert generation and data flow between Event Hub, Databricks, Synapse, and ML endpoints.

[Link](#) | **Financial Market Data Pipeline (Azure)**

**Tech Stack:** Azure Data Factory, ADLS, Azure Synapse, PySpark, SQL

Engineered an end-to-end batch data pipeline to ingest and process market data for 50+ stocks.

Implemented PySpark-based transformations and streamlined reporting via Synapse views and Power BI.

Optimized performance using ADF mapping flows and Delta Lake partitioning strategies.

[Link](#) | **Real-Time Twitter Sentiment Analysis using AWS**

**Tech Stack:** AWS Kinesis, Lambda, S3, Athena, Glue, CloudWatch

Built a real-time ingestion pipeline using AWS Kinesis to capture streaming tweets on trending topics.

Automated sentiment classification and data querying via Glue and Athena.

Delivered insights for trending topics with 70%+ sentiment classification precision.

## EDUCATION:

**Gyan Ganga College of Technology, Jabalpur** | Master of Computer Application (MCA)

2023 – 2025

**St. Aloysius College, Jabalpur** | Bachelor's Degree in Computer Science (BSc)

2020 – 2023