

# VIVEK KUMAR

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## Professional Summary

Detail-oriented and motivated **Data Engineer** with hands-on experience in building end-to-end **data pipelines** using Azure Data Factory, Databricks, and SQL. Skilled at transforming raw data into actionable insights with Power BI dashboards. Strong foundation in **data warehousing, data modeling, and cloud data warehouse architectures** with expertise in ETL processes, data governance, and big data technologies such as PySpark and Apache Kafka. Adept at real-time data processing, anomaly detection, and integrating APIs for measurable business impact. Recognized for strong **problem-solving, teamwork, and communication skills** in delivering scalable, data-driven solutions

## Technical Skills

- Programming: Python, Java(Beginner), SQL
- Big Data: Apache Spark, PySpark, Apache Kafka
- Cloud Platforms: Azure Data Factory, Azure Data Lake (ADLS), Azure Synapse, Databricks
- Databases: Azure SQL, PostgreSQL
- Data Integration: REST APIs, JSON, CSV

## Soft Skills & Domain Knowledge

- Problem-Solving and Analytical Thinking
- Team Collaboration and Communication
- Business Impact Analysis and Data-Driven Decision Making
- Time Management and Adaptability
- **Data Modeling, Data Governance, and Cloud Data Warehouse Best Practices**

## Projects

**Data Engineer (Student Project) | Azure Data Pipeline for Sales Analytics**

- Built an **ETL pipeline** to extract data using ADF, store it in ADLS, transform with PySpark in Databricks, and load into Azure SQL Database.
- Generate sales insights and support **data-driven decision-making**.

### **Data Engineer (Student Project) | Real-Time Bank Fraud Detection System**

- Implemented a **Kafka–PySpark pipeline** to detect suspicious transactions in real time.
- Applied **anomaly detection logic** and integrated **Twilio SMS API** for instant customer alerts.
- Achieved **low - latency event processing** and enhanced fraud prevention mechanisms.

### **Education**

**Bachelor of Technology in Computer Science and Engineering**

**B S A College of Engineering and Technology, Mathura | 2022 – 2026**

### **Certifications**

- SQL Certification – GUVI (2025)

### **Languages**

- English (Fluent), Hindi (Fluent)