

# RAUSHAN KUMAR SINGH

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## PROFESSIONAL SUMMARY

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**Azure Data Engineer** with 3+ years of experience in designing, implementing, and optimizing scalable data solutions using Azure Synapse, Data Factory, and Databricks. Proven ability to streamline data workflows and deliver actionable insights through Power BI and SQL-based analytics.

## WORK EXPERIENCE

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**WIPRO | Shell** May 2022 – Present

**Project Description:** The External Relations Data and Analytics (ER DNA) Service automates the generation of **Digital and Social Media Analytics reports** by integrating data from multiple platforms into the **Shell DnA platform**.

**Role:** Designed and implemented scalable pipelines in Azure Data Factory to seamlessly integrate data from various sources and visualize it through Power BI.

### Responsibilities:

- **Designed and deployed scalable pipelines** in **Azure Data Factory** to automate data ingestion from platforms like Adobe, Sprinklr, Yammer, and BrightEdge.
- **Structured raw data** in **Azure Data Lake Gen2** using hierarchical folder architecture for efficient storage and retrieval.
- **Transformed and consolidated datasets** using **Databricks (PySpark)** into conformed tables for reporting.
- **Resolved Power BI–AAS connectivity issues**, ensuring seamless access to analytical models for business users.
- **Successfully ingested SAP data from GSAP, GSAP\_CHEM, and Blueprint systems via SLT**, resolving pipeline issues in real time and ensuring timely data availability for downstream analytics.
- Provided **on-call support**, proactively resolving pipeline failures and maintaining data reliability.

### Summary of Key Achievements

- Reduced data pipeline failures by 60% through proactive monitoring and real-time issue resolution.
- Received multiple client appreciations for promptly identifying and correcting data discrepancies, enhancing trust in analytics outputs and stakeholder confidence.
- Awarded “Achievement of the Quarter” in Q1 2025 for exceptional contributions to data reliability and operational excellence within Shell’s External Relations analytics platform.

**WIPRO | Internship** | [J2EE, SpringBoot, RESTful APIs, Spring Security, Hibernate] Mar 2022 – May 2022

- Worked on an Online Banking System project using J2EE, focusing on security and scalability in banking operations.
- Designed and implemented **RESTful APIs**, handled **user authentication**.

## SKILLS

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**Cloud Platform:** Azure, Azure Synapse, Azure Data Lake, Azure Analysis Services

**Data Engineering:** Azure Data Factory, Databricks, Spark, PySpark, ETL, ELT

**Programming:** SQL, Python

**Visualization:** Power BI

**Data Warehousing:** Snowflake

**Data Governance:** Azure Key Vault

**Tools:** ServiceNow, Git

## EDUCATION

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### Dr. B. C. Roy Engineering College, Durgapur

Bachelor of Technology in Electrical Engineering – 8.5 GPA

Jul 2018 – May 2022

## CERTIFICATIONS

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**Azure:** AZ-900 (Fundamentals), DP-900 (Data Fundamentals), DP-203 (Data Engineer Associate)

**Snowflake:** SOL-C01 (Platform Certification)