**Verma**  
Location: Your City, Your Country  
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**SUMMARY**

Highly skilled and detail-oriented Data Engineer with 5+ years of experience in designing, implementing, and optimizing data pipelines, processing, and architecture. Expertise in data modeling, ETL, big data technologies, and cloud computing. Proven ability to work with diverse teams to drive data-driven solutions that improve operational efficiency and business outcomes. Passionate about streamlining data workflows and creating scalable solutions to support complex business analytics.

**KEY SKILLS**

* **Programming Languages**: Python, SQL, Java, Scala data engineer
* **Big Data Tools**: Apache Spark, Hadoop, Kafka, Hive
* **Cloud Platforms**: AWS (S3, Redshift, Lambda, EMR), Google Cloud Platform (BigQuery, Dataflow)
* **Data Warehousing**: Amazon Redshift, Snowflake, Google BigQuery
* **Databases**: MySQL, PostgreSQL, MongoDB, Cassandra
* **ETL Tools**: Apache NiFi, Talend, Informatica, Airflow
* **Data Visualization**: Tableau, Power BI, Looker
* **Version Control**: Git, GitHub, GitLab
* **Operating Systems**: Linux, Windows, macOS
* **DevOps Tools**: Docker, Kubernetes, Jenkins, Terraform
* **Other**: Data Modeling, Data Governance, Machine Learning Fundamentals, Data Security

**EXPERIENCE**

**Data Engineer**

**XYZ Corporation** — City, Country | *January 2022 - Present*

* Designed, implemented, and maintained ETL pipelines for processing and integrating data from various sources (internal systems, third-party APIs, and real-time data streams) into a centralized data warehouse.
* Utilized **Apache Spark** to process large-scale data sets efficiently, reducing processing time by 30%.
* Integrated data from AWS services such as **Redshift**, **S3**, and **Glue** to automate data flows and streamline reporting.
* Collaborated with Data Scientists to design scalable machine learning models and predictive analytics solutions, improving data-driven decision-making.
* Optimized SQL queries and database schema for performance improvements, reducing query runtime by 40%.
* Implemented monitoring and alerting systems using **AWS CloudWatch** and **Prometheus** to ensure the health and performance of data pipelines.

**Junior Data Engineer**

**ABC Technologies** — City, Country | *June 2018 - December 2021*

* Assisted in the development and maintenance of ETL pipelines, processing data from diverse sources into a structured data warehouse environment.
* Automated data ingestion processes using **Apache Kafka** and **Python**, reducing manual efforts and improving pipeline efficiency.
* Developed custom data transformations using **SQL** and **Python**, cleaning and processing large datasets.
* Collaborated with the Data Science team to create data models that provided insights into customer behavior, leading to a 15% increase in customer retention.
* Implemented a **data lake** on **AWS S3** to store raw and processed data, reducing storage costs by 25%.

**EDUCATION**

**Bachelor of Science in Computer Science**  
University of Your City — City, Country | *Graduated: 2018*

* Relevant coursework: Data Structures, Algorithms, Data Warehousing, Database Management, Cloud Computing, Machine Learning,data engineering

**CERTIFICATIONS**

* **AWS Certified Solutions Architect – Associate**
* **Google Cloud Professional Data Engineer**
* **Microsoft Certified: Azure Data Engineer Associate**
* **Cloudera Certified Associate (CCA) Spark and Hadoop Developer**

**PROJECTS**

**Real-Time Data Processing with Apache Kafka**

* Built a real-time data processing pipeline using **Apache Kafka** and **Apache Spark** to collect, process, and stream data from IoT devices into a central database, providing near-instant data updates for operational dashboards.
* Implemented a real-time analytics system to track user behavior across multiple platforms, improving real-time decision-making.

**Data Warehouse Design for E-Commerce Platform**

* Designed and implemented a scalable **data warehouse** for an e-commerce platform using **Amazon Redshift**, integrating multiple data sources (sales, inventory, customer data) to provide analytical insights.
* Developed automated ETL pipelines for regular data updates, improving data accessibility and reporting efficiency.

**ADDITIONAL INFORMATION**

* **Languages**: English (Fluent), Hindi (Native)
* **Interests**: Open-source contributions, Data Science, Machine Learning, Artificial Intelligence, Cloud Computing.