VIKAS PRAJAPATI

(Data Engineer)

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Summary:

Enthusiastic Data Engineer with 6 months of hands-on experience in designing, building, and maintaining robust data pipelines. Proficient in ETL (Extract, Transform, Load) processes, SQL, NoSQL, and cloud platforms. Passionate about optimizing data workflows and ensuring data quality.

Professional Experience:

Data Engineer | MulticoreWare Inc | Oct 2023 – April 2024
- Collaborated with data scientists and analysts to understand data requirements.
- Designed and implemented ETL pipelines using Azure Data Factory.
- Extracted data from various sources (databases, APIs, flat files) and transformed it for analysis.
- Ensured data quality and consistency by performing data validation and cleansing.
- Worked with stakeholders to optimize data storage and retrieval.

Education:

- CDAC Bengaluru: PG Diploma in Big Data Analytics (March 2023 – Aug 2023)
- Bachelors of Technology: Electronics and Communication Engineering (2018 – 2022)

Skills:

- **ETL Tools:** Azure Data Factory, Apache NiFi, Apache Spark
- **Database Systems:** SQL Server, MySQL, PostgreSQL, MongoDB, Oracle
- **Cloud Platforms:** Microsoft Azure, AWS.
- **Programming Languages:** Python, R, Java, C++.
- **Data Modelling:** Designing efficient data structures.
- **Version Control:** Git, Bitbucket, Jira Ticket

Projects:

- **Real-Time Sensor Data Processing -**
  - Developed a real-time data pipeline to ingest sensor data from IoT devices.
  - Implemented data transformations and stored results in Azure Blob Storage.
- **Customer Segmentation Pipeline -**
  - Created an ETL pipeline to segment customers based on purchase behaviour.
  - Utilized SQL and Python for data processing.