**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.