**Navneet Singh Sajwan**

**Objective:**

Results-driven and detail-oriented Data Engineer with a proven track record in designing, developing, and maintaining scalable data infrastructure. Seeking a challenging role to leverage expertise in ETL processes, data modeling, and database management to contribute to the efficient flow and analysis of data, ultimately supporting informed decision-making and organizational success.

**Summary:**

Experienced data engineer with expertise in creating and orchestrating PySpark jobs. Proficient in using Databricks, DBT, Spark, SQL, Python, and AWS. Skilled in developing and maintaining robust data platforms. Committed to optimizing data workflows and ensuring seamless data integration. Seeking opportunities to leverage my skills in creating impactful data solutions.

**Software Proficiency:**

**Languages :** Python, SQL

**Cloud:** AWS

**Big data tools:** Apache Spark, Pyspark, Databricks, Delta lake, Redshift

**Database:**  PostgreSql, My-SQL, Dynamodb

**Operating System:** Win XP and Linux.

**Professional Profile:**

**InfoObjects Inc.**

**Designation :** Data Engineer

**Job Duration :** June 2021 till Date

#### Project Details:

**Northwestern Mutual, Milwaukee,US**

**Designation: Data Engineer**

**Description:**

Unified Data Platform that aggregates data for analytical and operational use.

**Technology and Tools:**

Python, SQL, AWS, Apache Spark, Pyspark, Databricks, Delta lake, Gitlab

**Roles Played:**

* Using AWS services(Lambda, S3, Glue, Athena, SQS, SNS, EC2, DynamoDB) to enhance the project flow. Creating terraform scripts to create resources in AWS.
* Designing Data Pipeline using frameworks like Apache Spark(ETL, ELT).
* Designed a dynamic facilitator framework on top of Dagster and Airflow
* Completed migration of 10-plus sources, migrating over 30TBs of data
* Deployment of projects in different environments, using Jenkins and Gitlab for CI/CD Gained Experience in fast paced Agile software development.
* Improved the efficiency and productivity of analysts by integrating DBT for transformation

**Metaorigin Labs, Gurugram**

**Designation :** Deep Learning Engineer

**Job Duration :** January 2020- May 2021

#### Project Details:

**Cardoc**

**Designation: Deep Learning Engineer**

**Description:**

Detection and segmentation of damages(scratches and dents) in vehicles to auto-generate insurance claims. The Projects aimed to simply and streamline the process of generating an estimate of the money claimed in damages from the insurance company.

**Technology and Tools:**

Pytorch, scikit-learn, Detectorn2, Flask, Reactjs

**Roles Played:**

* Experimented with multiple machine learning algorithms to improve accuracy
* Data collection and curation. Finding and clicking images of edge case images to train the model
* Created a Flask backend app that served the model
* Data cleaning and labelling
* Model training, checkpointing and monitoring model performance with various size and complexity of training images.

**PERSONALITY TRAITS:**

Good Analytical and learning skills.

Self-motivation and confident able to set priorities to achieve goals and meet operational deadline.

Willingness to work hard.

Good spirit and attitude with sound basics.

**EDUCATION:**

Bachelor of engineering in Electrical Engineering 2019 from **G.B. Pant Institute of Engineering and Technology** in **6.9**

**PERSONAL INFORMATION:**

Date of Birth : 15 April, 1997

Language Known : Hindi, English

Strength : Positive Attitude, Hard-Working, Self-Initiative.