

# Pushpender Singh

Data Engineer

Quick Learner



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## WORK EXPERIENCE(3 YEARS)

### DATA ENGINEER(MIQ) NITS SOLUTIONS PVT. LTD.

01/2021 - Present

*Achievements/Tasks*

- To write Postgres procedures for converting raw files to staging for different OEMs and write python scripts to perform transformations on staging data.

### JAVA DEVELOPER(OPENTRACK) NITS SOLUTIONS PVT. LTD.

10/2020 - 12/2020

*Achievements/Tasks*

- To write an XML parser for SOAP API with the help of SAX parser and Transform the parsed files using SPARK and Java.

### DATA ENGINEER(VW) NITS SOLUTIONS PVT. LTD.

07/2019 - 10/2020

*Achievements/Tasks*

- To build ETL data pipeline using SPARK and DROOLS frameworks for Automobile Domain Data.

### JAVA DEVELOPER(CDK) NITS SOLUTIONS PVT. LTD.

03/2020 - 04/2020

*Achievements/Tasks*

- To write an XML parser for REST API with the help of SAX parser and Transform the parsed files using SPARK and Java and store the result into the s3 bucket.

### DATA ENGINEER(LAM RESEARCH) HASHMAP TECH INDIA PVT. LTD.

01/2019 - 06/2019

*Achievements/Tasks*

- To build ETL data pipeline using SPARK, KAFKA, and HBase.
- Introduce Manual OFFSET Management feature for KAFKA.

### DATA ENGINEER(DEVON ENERGY) HASHMAP TECH INDIA PVT. LTD.

06/2018 - 12/2018

*Achievements/Tasks*

- To apply Transformations in PYSPARK equivalent to Datameer transformations and store the converted worksheets in snowflake.

## EDUCATION

### BACHELOR OF ENGINEERING(INFORMATION TECHNOLOGY)

ARMY INSTITUTE OF TECHNOLOGY,PUNE

04/2014 - 05/2018

67%

## SKILLS

SPARK CORE

SPARK SQL

JAVA

SCALA

KAFKA

AWS S3

Amazon Redshift

HADOOP

FLUME

SQOOP

HIVE

HBase

MONGODB

Postgres

Python

## PERSONAL PROJECTS

### HEALTH MONITER SYSTEM

- To perform calculations on Patients and Hospitals data to get risk level and icu utilization like parameters for health monitoring.
- It is very useful for the Utilization of hospital resources in optimized way.
- The technologies used are MONGODB, Pandas, AWS S3.

### BUS MANAGEMENT SYSTEM (04/2017 - 07/2017)

- To store Buses, Drivers and Routes information in MONGODB and perform calculations to get Drivers wages and active buses like information.
- It is useful for monitoring the information of well-maintained buses or buses that need maintenance by Bus Depot personals.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Poker

Cricket

Reading Tech Trends and Tech articles

Traveling