

Shivam Goyal

Data Engineer

IT professional with 2+ years of Experience as Data Engineer with strong knowledge of machine learning algorithms, strong analytical and programming skills. Passionate about building models that fix problems.

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JAIPUR 📍

WORK EXPERIENCE

Data Engineer Tata Consultancy Services

06/2019 - Present

India

Achievements/Tasks

- Experience in using SQL for data analysis and creating ETL Solutions.
- Worked on Talend migration project as an ETL developer to migrate from abinitio to talend open studio with hadoop.
- Designing, developing and deploying Talend ETL processes on Spark.
- Involved in performance tuning by analyzing the bottlenecks in spark-sql and using the best spark configurations based on data size.
- Extracted high volume data sets from different sources, transformed and load to HDFS using Talend Open Studio ETL tool.
- Worked with team to design solutions for some complex components of abinitio in talend big data.

EDUCATION

Bachelor's Degree Galgotias university

2015 - 2019

8.85 CGPA

Courses

- Computing science and engineering

SKILLS

Data Science

deep learning

Machine Learning

Pyhton

SQL

Spark

NLP

Statistical Modelling

Scikit-learn

Keras

Tensor Flow

Pyspark

Hadoop

Data Visualization

Talend

Data Cleaning

Data Engineering

Mongodb

Core java

Tableau

ETL

PERSONAL PROJECTS(DATA SCIENCE)

Identify similarity between two questions on Quora

- Machine learning based solution to pair similar questions.
- Designed various features to effectively decide similarity between two questions.
- Used log-loss as the performance metric.

Music Generation (deep leearning)

- Generate melodious music of single instrument using the ABC notation.
- Used Char RNN Model.

Image Detection using CNN model(cat vs dog)

- Detect Image using a trained CNN model.
- Achieved an accuracy of 80 percent with a simple model.

CERTIFICATIONS

Applied Machine learning(AppliedAiCourse)
(07/2020 - Present)

Currently pursuing the Course

Data Science for engineers(Nptel)

Python for Data Science and Machine Learning Bootcamp
Udemy

LANGUAGES

Englilsh

Full Professional Proficiency

Hindi

Full Professional Proficiency