

# Nagendra Gounipalli

Software Engineer with **2.2** years of experience in a variety of business applications using **agile** methodology.



## Personal Info

**Address:** Marathahalli  
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## Professional Skills

**Programming:** Python

**Cloud** : Azure

**Big data** : Spark

**Database** : MySQL

**Version Control:** Git



## Work Experience

**Company** : HCL Technologies

**Designation:** Data Engineer



## Project

**July 2022 - Databhub**

**Present** - Team mainscope of the project is to process the railway's data received from various regions from various source systems continuously.

1. Developed spark structured jobs to pull the data from kafka using native spark code.
2. Developed databricks notebooks that pull the data from kafka using spark streaming and create the delta tables in azure blob storage.
3. Developed spark jobs by using dataframes of spark to the train related data.
4. Worked on developing python scripts for monitoring purposes.
5. Handled json formats.
6. Took part in design discussion and optimization discussion.

Pipeline: Kafka -> Azure Databricks (Spark) -> Kafka and Delta tables

Tech Stack:

Python, Pyspark, Kafka,  
Azure Databricks



## Education

**BTech** : EEE, 2015-2019

MITS, AP.



## Tools and Framework

Spark, Kafka, Databricks,