# JUGAL KISHORE GANDHESIRI

+1 4086665908 • hirejugalkishore@gmail.com • https://www.linkedin.com/in/jugal-kishore-jk/

• github.com/gandesirijugalkishore

## EDUCATION

**Texas A & M University Corpus Christi Tx, USA** **Jan 2021 – Aug 2022**
*Master of Science in Computer Science* 3.8 GPA
*Coursework: Deep Learning, Data Mining, Machine Learning, Digital Image Processing*

**Osmania University, Hyderabad, India** **Sep 2015 – May 2019**
*Bachelor of Engineering in Computer Science and Engineering* 3.0 GPA
*Coursework: Data Structures, Algorithms, Databases, Software Engineering, Operating Systems*

## TECHNICAL SKILLS

- Languages**:** Python, TypeScript, HTML5, CSS, PHP, Shell Script, C, C++, PL/SQL
- Databases: MySQL, MongoDB
- Tools: Git, Docker, AWS EC2, AWS S3, Elastic Search, Power BI, Kibana
- Frameworks: React, Angular, Flask, Node.js, Bootstrap, Hadoop, Spark
- Operating Systems: Ubuntu, Windows 10

## WORK EXPERIENCE

**Junior Data Engineer, Ooba Labs** **Sep 2019 – Dec 2020**

- As part of a five-member team, I am responsible for aggregating unstructured data from 20+ sources to enable data science projects.
- Collaborated with data engineering teams to set up data Pipelines.
- Automated the Data cleaning Process for 1Tb data.
- A successful history of manipulating, processing, and extracting value from a large disconnected dataset.
- Responsible for generating insights from data using Exploratory Data Analysis and Data Visualization Tools.

**Data Science Intern, 3QI Labs** **April 2019 – Sep 2019**

- Worked with ETL pipelines.
- Assembling large, complex data sets that meet functional / non-functional business requirements.
- Worked on SQL and experience working with elastic queries, as well as working familiarity with a variety of databases.
- Experience in Analyzing large data sets and generating reports.
- Built Services to handle REST API calls to retrieve and update user, server data from the backend.
- Written unit tests to test the components and services of 3QI Labs backend data automation tools.

## PROJECTS

**Face Mask Detection** Languages/Tools: Python, Pandas, Open CV, Keras.

- Face Mask Detection system based on computer vision and deep learning using OpenCV and TensorFlow/Keras.
- Project is capable of predicting multiple faces with or without face mask and CNN manages to get an accuracy of 98.2%.
- Model works efficiently with no apparent time lag between wearing and removing masks.

**Hybrid Recommendation Engine** Languages/Tools: Python,Pandas,Scikit-Learn,Knn.

- Developed a recommendation engine for Amazon Products dataset considering reviews, ratings and description as major parameters.
- Used Knn for item based collaborative filtering.
- Text mining for reading descriptions of the products.
- Performed Exploratory Data Analysis for data to understand and analyze data for applying the model.