

# Swapnil Sonawane

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## SUMMARY

As a recent graduate with a Master's degree in Computer Science, I am enthusiastic about leveraging my strong analytical and programming skills to make meaningful contributions as an entry-level data scientist. My academic background, which includes coursework in machine learning, statistics, and data analysis, has provided me with a solid foundation. I am adept at using Python, R, and SQL to extract, clean, and analyze data. With a commitment to continuous learning and a keen interest in solving complex problems, I am eager to apply my knowledge and grow as a data scientist in a dynamic and collaborative team environment.

## PROJECTS

### Drowsiness Detection — YOLOv5, Python

- Develop a system that can detect whether the person or people are awake or not while driving.
- I developed this project for a Road Safety Event that was held at my college
- Impacting more than 25 million drivers in India for their and passenger safety.
- Tech Stack: YOLO, Git, python
- Link: [Drowsiness-Detection-Using-YOLOv5](#)

### Hard-Hat Worker — TFOD2, TensorFlow

- Develop a system that can classify whether a worker is wearing a safety helmet or not.
- Developed a data classification system to enhance workplace safety for hard hat workers in construction.
- Impacting more than 523 million workers in India for their safety.

### Credit Card Defaulters — KNN, XGBOOST, Python

- This project predicts the probability of credit default based on credit card owners' characteristics and payment history.
- Deploy this project on Heroku Cloud
- Tech stack: Python, Flask, Sklearn, XGBoost, Naive Bayes, Kmeans, Heroku, Git, GitHub, Pandas, NumPy, and Matplotlib.
- Link: [Credit Card Defaulter](#)

## SKILLS

**Languages:** Python, Java, SQL

**Libraries:** Scikit-Learn, PyTorch, Keras, TensorFlow, Pandas, Numpy

**Technologies:** MySQL, Flask, Tableau, PowerBI, Git

**Concepts:** Machine Learning, Deep Learning, NLP, Computer Vision, Data Analysis, Data Visualization, Software Development, Business Intelligence (BI) and ETL

## HOBBIES

Playing cricket, traveling, and watching YouTube videos

## AWARDS

**2<sup>nd</sup>** Ranker In College

## EDUCATION

**D. G. Ruparel College, Mumbai — Masters**

2020 - 2022, Computer Science

GPA: 9.46, 2<sup>nd</sup> Ranker

**Smt. C. H. M. College, Ulhasnagar — bachelor**

2017 - 2020, Computer Science

GPA: 8.96