

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 use Python, R, and SQL to extract, clean, and analyse 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.

Technical Skills

Languages: Python, Java, SQL

Libraries: Scikit-Learn, PyTorch, Keras, TensorFlow, Pandas, Numpy, Spark, Airflow, Hive

Tools: MySQL, Flask, Tableau, PowerBI, Git, Linux, AWS, GCP, Azure

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

Projects

Drowsiness Detection — YOLOv8, Python

- Develop a system to detect whether the driver is awake while driving.
- I developed this project for a Road Safety Event that was held at my college
- It will impact more than 25 million drivers in India for their and passenger safety.
- Tech Stack: YOLO, Git, python
- Link: [Drowsiness Detection](#)

Potato Leaf Disease Classification — TensorFlow, MLFlow

- Develop a system that can detect or identify potato leaf diseases, including various illnesses.
- Developed a data classification system to enhance farming and detect leaf diseases in the early stage to find solutions.
- This app will impact nearly 2.5 billion farmers worldwide and improve their farming.
- Link: [Potato Leaf Disease Classification](#)

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](#)

Certifications

Certified Apache Hadoop Developer

[Full-Stack Data Science](#)

[Big Data Hadoop and Spark Developer Training](#)

Education

D. G. Ruparel College, Mumbai

Master of Science, Computer Science

Nov 2020 - May 2022

GPA: 9.46/10

Smt. C. H. M. College, Ulhasnagar

Bachelor of Science, Computer Science

June 2017–Oct 2020

GPA: 8.96/10

Awards and Achievements

2nd Ranker in College at D. G. Ruparel College for Masters.