



VIRESH AMBARDAR

Data Engineer

My Profile

Data Engineer with over 2 years of corporate experience. Currently working at Edgematics, I have developed a strong proficiency in Python and PySpark, handling complex projects and delivering efficient Data Solutions. Previously, I worked as an Associate Software Engineer at AiHawks, gaining valuable experience in software development and corporate culture. My journey in the Data Science and Engineering field has equipped me with the technical expertise and problem-solving skills necessary to take impactful Data-Driven Decisions.

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Work Experience

2023 - Current

Data Engineer

Edgematics Solutions, WTC, Khradi, Pune



As a **Python** and **PySpark** developer at Edgematics, I am engaged in multiple fields, serving both Python and PySpark requirements.

- My primary role as a Data Engineer involves working with Big Data, utilizing Hadoop and **Spark** to build **ETL pipelines** and perform necessary data transformations using **PySpark** & **Spark SQL**.
- Key responsibilities include:
 - Designing and developing efficient **ETL pipelines** to process large datasets.
 - Applying data cleansing and data quality rules to ensure high-quality data.
 - Transforming and preparing data for analysis and reporting.
 - Creating and maintaining target tables in the data warehouse to support business intelligence and analytics.
- My role ensures that data is processed efficiently and accurately, enabling data-driven decisions across the organization.

2022 - 2023

Associate Software Engineer

AI Hawks, Gachibowli, Hyderabad



At AiHawks Software Solutions Pvt. Ltd., a startup environment allowed me to gain hands-on experience with multiple technologies. I worked on a **Machine Learning** project for counting squats and utilized **Node.js** and JavaScript for backend development and Database Management. Additionally, I deployed an Automated system that generated daily reports using Google Drive and Google BigQuery. This diverse experience enhanced my skills in machine learning, backend development, and data management.

Sep 2022 - Nov 2022

Data Science Intern

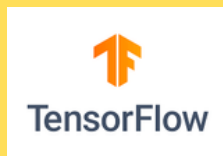
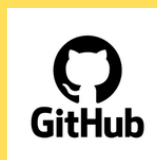
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During my internship, I gained valuable skills in SQL, the statistics behind machine learning models, Python, and exploratory data analysis. I also built various types of machine learning models, including supervised and unsupervised learning. Below are some of the projects I completed:

1. House Price Prediction using classical machine learning.
2. Flight Price Prediction using classical machine learning and boosting methods.
3. Driver Drowsiness Detection using OpenCV and a machine learning model.
4. Sentiment Analysis for NLP.

Technology Stack



Education

Aug 2021 - Sept 2023

Masters in Data Science

Christ (Deemed to be University) ,
Lavase, Pune

Aug 2016 - Nov 2020

B.Tech (Mechanical)

MBSCET , Jammu

April 2014 - March 2016

10+2, Medical + Maths

Kv Bantalab, Jammu