# VRUSHALI KULKARNI

→ +91-6364206201

vrushalisk123@gmail.com
GitHub Profile
LinkedIn Profile

#### Education

•M.S Ramaiah University of Applied Sciences, Bengaluru Bachelor of Technology in Computer Science and Engineering

2021-25

•KLE Society's Prerana PU College, Hubli

CGPA:9

2021

Class: XII

Percentage:97.17

•Parivarthan Gurukul Heritage, Hubli

201

Class: X

Percentage:94.8

Personal Projects

## •Mileage Prediction Machine Learning Model

Mileage per Gallon

- Developed a comprehensive machine learning classification model to predict vehicle fuel consumption and Implemented advanced data pre-processing.
- Enhanced model accuracy from 70 to 85 using scikit-learn and advanced optimization strategies.
- Technology Used: Python, scikit-learn, Pandas, NumPy, Machine Learning.
- •User Data Management Web Application

OData Management System

- Designed and implemented a full-stack web application for user registration and data management with seamless data storage and retrieval functionality.
- Implemented secure user registration and data visualization features.
- Technology Used: HTML, CSS, SQL, Database Management.
- •MySQL Database Interaction Application

**○**MySQL Connector

- Built a Python application demonstrating advanced database connectivity and manipulation.
- Implemented complex SQL queries for efficient data management and retrieval.
- Technology Used: Python, SQL, Database Management.

#### Professional Experience

## •IEEE Technical Workshops Volunteer

April - June 2024

IEEE

- Supported organization of technical workshops focusing on emerging technologies.
- Assisted in developing workshop projects leveraging AI and Machine Learning concepts.
- Gained hands-on experience in collaborative technology development.

## •University Placement Coordinator

February - November 2024

M.S Ramaiah University of Applied Sciences

- Coordinated campus placement initiatives for 50+ companies.
- Developed communication strategies between recruiters and student candidates.
- Demonstrated leadership and organizational skills in a professional setting.

#### Skills and Interests

Programming Languages:Python, Java, C/C++, HTML, CSS

Machine-learning: scikit-learn, PyTorch, Classification Algorithms.

Data Analysis: Statistical Analysis, Data Visualization, Data Mining, Pandas, NumPy, Matplotlib, Seaborn

Frameworks: MySQL, phphMyAdmin, MongoDB

Tools:Github

Soft Skills: Problem-Solving, Communication, Detail-oriented, Adaptability, Collaborative, Interpersonal Skills, Time-management, Leadership

## Certifications

#### Machine Learning Specialization

Ongoing

Stanford University|Deeplearning.ai (Coursera)

•Blockchain Specialization

Ongoing

University at Buffalo (Coursera)