





KSHITIJ DARWHEKAR



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PROFILE

I am a final year student of B.Tech from MIT Academy of Engineering. I am passionate about Machine Learning and Artificial Intelligence. My skills include Python, Core Java, Machine Learning, Deep Learning, and Data Science libraries like NumPy and Pandas.

SKILLS

- Machine Learning
- Deep Learning
- Data Science
- Computer Vision
- Problem-Solving
- Team-player
- Critical Thinking
- Strong Communication

EXPERIENCE

IOT AND ROBOTICS INTERN

PHN Technology pvt. ltd
Feb 2022- Ongoing

- IoT
- Robotics

MACHINE LEARNING INTERN

VIEH Group
June 2022 - July 2022

- Medical Insurance Premium Prediction Project
- Data Visualization
- Random Forest Algorithm

EDUCATION

BACHELOR OF TECHNOLOGY

7.2 CGPA
MIT Academy of Engineering
2019-2023

HSC

82.31%
Rural Institute, Amravati
2018-2019

SSC

89.00%
Manibai Gujarathi High School, Amravati
2016-2017

PROGRAMMING LANGUAGES

- Python
- Core JAVA
- SQL

HOBBIES

- Listening To music
- Playing Cricket
- Watching Cricket
- Playing games
- Travel

ACHIEVEMENTS

- Won 1st prize in workshop "The art in the age of Machine Intelligence and Data Science: Practitioner's Approach"
- Published a paper in IEEE conference "6th International Conference on Electronics, Communication and Aerospace Technology" titled "Computer Vision based Intelligent Traffic Management System"

LANGUAGES

- ENGLISH (Written and Spoken)
- HINDI (Written and Spoken)
- MARATHI (Native)

PROJECTS

INTELLIGENT TRAFFIC MANAGEMENT SYSTEM USING COMPUTER VISION

2022

We used computer vision technique and YOLO algorithm to detect vehicles and calculate their speed. We also detect traffic congestions and control the traffic light accordingly.

MEDICAL INSURANCE PREMIUM PREDICTION

2022

In this project I used Random Forest 89.00 % algorithm to predict medical insurance for beneficiaries. The value of medical premium depends on different factors like age, gender, BMI, smoker etc.

STAIR CLIMBING ROBOT

2019

In this project, we used Arduino, and DC motors to build "Stair Climbing Robot" and we controlled the robot using smartphone by Bluetooth.

CERTIFICATIONS

- **JAVA TUTORIALS FOR COMPLETE BEGINNERS**
Udemy (2022)
- **COMPUTATION CARDIAC ENGINEERING: PREDICTIVE PATIENT SPECIFIC MODELLING OF HEART DISEASES**
MIT Academy of Engineering (2022)
- **DEEP LEARNING MODELS HANDS ON**
MIT Academy of Engineering (2022)
- **MACHINE LEARNING ONRAMP**
MathWorks (2021)
- **INTRODUCTION TO C# PROGRAMMING AND UNITY**
University of Colorado (Coursera - 2021)
- **MATLAB ONRAMP**
MathWorks (2021)
- **PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON)**
University of Michigan (Coursera - 2020)