

Avnish Jha

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<https://github.com/Avnish706>

Education

Madhav Institute Of Technology and Science,Gwalior, Madhya Pradesh , B.Tech in Internet Of Things(IoT) Engineering CGPA: 8.93/10	2022-2026
Govt.School Of EXcellence NO.1, Morar, Gwalior , Class XII Percentage: 92/100	2021-2022
Govt.School Of EXcellence NO.1, Morar, Gwalior , Class X Percentage: 97/100	2019-2020

Technical skills

Languages: C++ , HTML,CSS, PYTHON , SQL, JavaScript

Academic Coursework: Data structure and Alogorithm, OOPS,Operating System,DBMS, Artificial intelligence, Data Science and Machine Learning.

Soft Skills: Communication skills ,Problem Solving,Self Learning,Adaptability,Teamwork, and Time Management.

Coding Profile

- Leetcode: <https://leetcode.com/u/avnish1111jha/>
- GeeksforGeeks: <https://www.geeksforgeeks.org/user/avnish121k2/>
- Github: <https://github.com/Avnish706>

Projects

Design and Implementation of an AI-Driven IoT-Based Dust Cleaning System for PV Modules github.com/name/repo

- An AI-powered IoT system detects dust on solar panels using image classification. It automatically triggers cleaning mechanism to maintain optimal energy efficiency.
- Tools Used: ESP32 , OpenCV /TensorFlow/Keras , Webcam , Python , Motors and Relay Modules, MQTT, Arduino IDE

An Online Food Ordering and DeliveryPlatform github.com/name/repo

- It is a user-friendly online food ordering and delivery platform that connects customers with local restaurants. It allows users to browse menus, place orders.
- Tools Used: HTML, CSS , Java Script, Node js , Express js

Home Price Prediction In a City github.com/name/repo

- The goal of this project is to develop a predictive model to estimate home prices in City X using advanced data science and machine learning techniques.
- Tools Used: Python , Pandas, NumPy, Scikit-learn, json, Matplotlib, Seaborn , Flask , Postman API , Jupyter Notebook

Licenses and Certifications

- Two-week training Certificate on IoT and Edge AI at MITS Gwalior (M.P).
[View Certificate](#)
- One-week training Certificate on Power Engineering and Renewable Energy at UIT RGPV Shivpuri (M.P).
[View Certificate](#)

Positions Of Responsibility

- Core Member in ASIMOV ROBOTICS CLUB at MITS GWALIOR.