Yash Shingavi

Electrical and Electronics Engineer

Profile

Passionate undergraduate electronic and electrical engineer with programming, web design, circuit design, and project management skills seeking hands-on experience and collaboration with industry professionals. Committed to staying up-to-date with latest developments, eager to apply skills to real-world challenges.

Projects

Predicting Future Energy Consumption

JULY 2022

I used linear regression algorithm to forecast future energy consumption. This project was developed using Python and Flask framework, and the data was collected from Kaggle. Users are able to input a specific date and receive an estimate of energy consumption for that day.

Revolutionizing Comfort with Smart Fan and AC Control using IoT

NOVEMBER 2022

I developed a smart room control system that utilizes temperature sensors to automatically turn on either the AC or fan, depending on the room temperature. This feature conserves energy by only running the appropriate appliance, which ultimately saves money and benefits the environment.

Education

Bachelor of Technology in Electrical and Electronics Engineering,
Vellore Institute of Technology ,Vellore
August 2020 - Present
Obtained CGPA : 8.83

GG International School (CBSE) ,Pune
June 2018 - August 2020
Obtained Percentage: 87.6%

Podar International School (ICSE) ,Pune
June 2016- August 2018
Obtained Percentage: 93%

Certifications

Python Developer Bootcamp in 2022 - Beginner to Expert, Udemy

Responsive Web Design, freeCodeCamp

HTML, CSS, and Javascript for Web Developers, Coursera (John Hopkins University)

Machine Learning - Linear Regression, NASSCOM

Details:

Pune
India
8888884177
yashshingvi123@gmail.com

Links:

LinkedIn :
https://www.linkedin.com/in/yash-shingavi-0248b2203/

Personal Portfolio:
https://yashs123.github.io/webpages/

Technical Skills:

- IoT
- Machine Learning
- Frontend Development
- VLSI Design

Technical Language:

- Java
- Python
- MATLAB
- HTML,CSS and Javascipts
- Assembly Language

Technical Tools:

- Arduino IDE
- Keil uVision
- Tinkercad
- Proteus
- Pspice
- Cadence

Languages:

English : Fluent
Hindi : Fluent
Marathi: Fluent
Spanish: Basic