

Shantanu Mohan Yadav

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kaggle kaggle.com/shantanuyadavkaggle

📍 Pune Maharashtra

📁 Professional Experience

Ymeet LLC

IOT Dev Intern

05/2021 – 08/2021 | Remote

- Wrote efficient arduino C++ & python code for the

IOT device and AWS LAMDA to store data in S3 bucket.(S3 bucket, API gateway, LAMBDA)

- Worked with Fusion 360, and EDA software.

Developed a PCB and enclosure for the implementation of cashier-free stores (ESP32 based).

🧠 Skills

Python / SQL / Django

HTML / CSS

Excel

Linux

C / C++ / Micro-python / Assembly

Arduino/Raspberry pi/ESP

Eagle, Fusion 360, Easy-EDA

🎓 Education

B.E. Electronics & Tele-comm

AISSMS Institute Of Information Technology

08/2019 – 06/2022 | Pune

Final year CGPA : 9.16

UG Diploma in Electronics & Tele-comm

Dr. Babasaheb Ambedkar Technological University,

Institute of Petrochemical Engineering

08/2016 – 05/2019 | Lonere

Final year CGPA: 7.40

📁 Projects

Ecommers website using Django web-framework

Python, Django, HTML, CSS, JS

A full fledged working e-commerce website with all the necessary functions based on python and Django framework which also gives admin users access to the order data for smooth business operation.

Automation and Optimization in Vertical farming using control systems and IOT.

Arduino C++, Firebase, Scratch

ESP32 micro-controller based control system which regulated and monitored environmental variables in enclosed space for optimum growth of plants. This project showcases the data to the user with the help of an app which is connected to Firebase real-time database.

Attandace system using Raspberry Pi

python, Linux, face-recognition, Google sheet API

Raspberry pi based face recognition attendance system which keeps tracks of attendance of attendee in Google sheet which also sends email notification.

Certificates

Google Data Analytics  (Google certified 6 months long course on Data Analytics. Technologies used: Excel, Kaggle, R (currently in progress))

30 days of google cloud (Qwicklab's based googles course on basics of google cloud console)

Interests

Making Projects

Reading

Trading

Calisthenics

Gaming

NAS server using raspberry pi.

Linux, Docker, Portainer, Apache server, Nginx

A network attached storage server for home use which uses cheap SBC such as raspberry pi running Raspian distro & with the help of services such as Apache server or Nginx to provide local media streaming and personal cloud backup.

Wearable safety device, Home Automation

arduino C / C++, GSM, GPS, AT commands

These IOT projects made use of technologies such as WIFI, GPS and GSM to enable user to interact with these devices with wireless means which in turn interacted with surrounding or to execute a predefined function.