

Prateek Shetty

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EDUCATION

Savitribai Phule Pune University

Pune, Maharashtra

BE in Electronics and Telecommunications from JSPM NTC

Graduation Date: June 2022

Maharashtra State Board Of Higher Secondary Education

Pune, Maharashtra

HSC (12th) in Information Technology from Pune Vidyarthi Griha

Date: June 2018

WORK EXPERIENCE

Espark Tech

Pune, Maharashtra

Intern

November 2021 - Present

- Worked on multiple projects like 'Login and Register using Face Recognition in Python', 'Login and Register using Fingerprint and Face Recognition in Python with SQL for database', 'Robotic Arm control using Hand Gesture' and currently working on creating android app in which we can scan QRcode and Barcode and create Bills.
- Researched through multiple research papers to create Project Report.

SPJ Embedded Technologies Pvt. Ltd

Pune, Maharashtra

Volunteer

October 2021 - November 2021

- Learned Dip Soldering, which is a small-scale soldering process. A PCB with mounted components is dipped manually into the tank so that the molten solder sticks to the exposed metallic areas of the board.
- Tested more than 40% of PCB in One week to be specific 1,000+ PCB per day.

Upkey

Chicago, USA

Intern

July 2021 - October 2021

- Researched on how Google Ads can help a Grocery Mart or any other Business to grow by advertising using different Campaigns, For Grocery Mart, Search Campaign will help get him more sales.
- Studied Google Algorithm Updates, learned what style and Keywords are important and Utilized SEO Audit to look at the technical infrastructure of any website.

Projects

Final Year Project :

Cargo Monitoring and Overload Protection System : We have proposed the constant load monitoring system by implementing number of Load Cell Banks. This System consists of ESP32, Half Bridge Load Cell, LCD display with GSM Module.

Project:

Login and Register using Fingerprint and Face Recognition in Python

with SQL for database : In this project, as hardware we are using R307 Fingerprint Sensor and some Push Button and in software we used libraries like OpenCV for capturing frames, face recognition to recognise faces, tkinter for GUI.

Robotic Arm Control using Hand Gesture : In this project, we are using RF Encoder and Decoder, SG90, SG90 Gripper, RF Wireless Transmitter Receiver Module, ADXL345, Raspberry Pi and Arduino Nano as Hardware and in Coding part we are using 4 bit data to control two Servo Motor.

Android Application :

Billing System using QRcode : We are making a application which can give access to both Customer and Admin. In which, Customer can make an account and add products in a cart by Scanning QRcode and Admin can look at all the Activity for which we are using SQL Database.

Skills and Interests

Skills : Microsoft Office (Excel, PowerPoint) | Programming Language (Basics of C, C ++ , Python and Java) | Markup Languages (Html5 and CSS3).

Interests : Website Designing, Learning New Languages, Football.

Tools Used : Visual Studio Code, Android Studio, Python IDLE, Turbo-C , Dev-C++ , Git/GitHub.