

Piyush Pawar

IoT Developer, Content Writer, Web Developer, Blogger

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EXPERIENCE

Soft Hard Automation, Pune—PCB Design Intern

Jan 8, 2019 - Jan 28, 2019

Mounting Components on PCB , Soldering Components , PCB Testing.

Webhub Technology, Pune —IoT Developer

Aug 2019 - Mar 2020

Understood various Development Phases of IoT Device. Worked on the Smart Parking System using ESP8266 module (NodeMCU).

Shortfundly —Graphics Design Intern

April 2020 - Jun 2020

Performed Graphics Designing , Got Hands-on experience on Designing tool like Canva.

The TechInfinite —Technical Writer

Jul 2020 - Nov 2020

Technical Writing/Blogging, SEO Management(Article ranked on first page of google search), Researched on Technical Topics,Gadgets, Reviews, Smartphones

Widhya.org —Front-End Developer

Jan 2021 - Feb 2021

Build a Customer Review Webapp, Developed an API using Python's Flask Framework, Computed Uber Shortest Path using various algorithms (applied DSA)

EDUCATION

Marathwada Mitra Mandal College of Engineering, Pune — B.E. Electronics and Telecommunication

Jun 2016 - Oct 2020

CGPA:- 7.37 (66.53%)

Technical SKILLS

IoT Dev(8051, PIC, ARM, Arduino,ESP8266,ESP32, Raspberry-Pi)

Web Dev(HTML, CSS, Javascript ES6, ReactJS, NodeJS, PHP)

Python Programming

Circuit Designing and Simulation.

Matlab

Google Firebase, IBM cloud, Azure

Android App Development

SEO Management

CERTIFICATIONS, AWARDS, CO-CURRICULAR

Won 1st Prize in 'Advance IoT Based Project Competition'

Attended workshops on Android Application Development and PCB Development.

JAVASCRIPT Modern ES6 Certification

Machine Learning On-Ramp Certification

Qualified for pre-final round of IAAC 2020

Late Jyoti Janolkar Jr. College, Akola — XII

Jun 2014 - May 2016

59.23

LANGUAGES

English, Hindi, Marathi

Sharda Dnyanpeeth Convent, Buldana — X

Jun 2014

82.20

PROJECTS

SMART PARKING SYSTEM WITH ADVANCE BOOKING — *Detail*

Parking system is developed using Node-MCU ESP 8266 module as a parking gateway and IR Sensors as the parking slot. Using Firebase server as a cloud. The IR sensor shows the availability of parking slots to the user via mobile application. This system provides an efficient way to park vehicles at conventional centres by making advance reservation and payment of a parking slot.

HOME AUTOMATION SYSTEM —

Detail

The “HOME AUTOMATION SYSTEM” is based on an RF module in which RF Transmitter works as a remote control and the RF receiver side is interfaced with a PIC Microcontroller. Various Loads were connected through Relay and operations were controlled using RF Transmitter. Thus all the loads in the house are controlled by a remote control making the system smarter.

Full Operational Calculator App —

Detail

Made a Full operational Calculator App which can Perform all the Arithmetic functions Using Android Studio.

Multimedia Player App —

Detail

Created an Android App to play Music as well as videos using Android Studio.

Document Scanning Android App —

Detail

This is a free document scanner app for android devices, you don't need to give user details,login. Directly scan your documents on one click.

Irrigation using ESP32 (Smart Garden) —

Detail

The Irrigation system is used for home gardens or farms to water the plants using a Blynk application which is connected to ESP32 module through wi-fi.

Water Tank Alarming System —

Detail

The system shows the user the level of water in the tank and also alarms when the water tank is full, indicating to turn off the motor.

[Command Line ToDo list Using Python](#) —

Detail

This Script/program is written as a part of CoronaSafe Engineering Fellowship Test Problem by Pupilfirst in the Python Programming Language.

[SaaS application using ReactJs](#) —

Detail

Converted the Tivo HTML template to a React app.This react app is used to automate your marketing actions in order to reach a much larger audience.

