



# Jay Pawar

CS Engineer | BTech | VIT, Pune

## Contact

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### Address

04, Vinayak, Pooja Park Society,  
Kothrud, Pune

## Education

### Vishwakarma Institute of Technology, Pune – BTech

2020 - Present

CGPA - 8.66

### Z.B Patil College, Dhule – 12th

2019 - 2020

Percentage - 77.69%

### Chavara English Medium School, Dhule – 10th

2017 - 2018

Percentage - 93.40%

## Skills

C, Python

Java

HTML, CSS, Javascript

UI/UX (Figma)

Arduino

AWS

Cisco Packet Tracer

Proteus

Simio

MS Office

## Language

English, Hindi, Marathi

## Hobbies

Anchoring, Event Organizer,  
Content Creator, Vlogger, Art  
Creation, Swimming, Dancing

## Projects

### Smart Energy : Generation and its Usage

Components : Arduino Uno, IR Sensors, Servo Motor

The project was divided into two parts: generation, where a smart solar tracking system was implemented, and consumption, where a smart street lighting system was used.

### Smart Homes

Components : Node MCU, 4 Channel Relay Module, Switches

Through the use of the NodeMCU ESP8266 and Google Assistant and Alexa, a smart house was created that uses voice commands as well as manual switches to operate relays connected to everyday home equipment

### Smart Car Parking System

Components : Arduino and Sensors

The project was designed as a low-cost solution using an Uno Arduino microcontroller for managing parking in public places. The system offers an efficient and realistic parking management solution.

### Smart Attendance Application

Components : Android Studio, Firebase Database

The purpose of the Project was to stop the spread of Covid 19. Students can use this app to mark their attendance by scanning the QR code generated by their teachers.

### Farm Agro : An Agriculture Website

Components : Html, Css, Javascript, Mysql

Our agriculture website project empowered farmers with crop information, real-time weather updates, and a query calling service, enabling informed decisions and sustainable practices.

### College Computer Network using Cisco Packet Tracer

Components : Cisco Packet Tracer

The Project was made in order to demonstrate the Communication in the college computer system.

### Baby Monitoring System

Components : AI, ML

In this project, we aim to address parents' concerns regarding the monitoring of young children

### Hosting Coffee Shop Website on AWS

Components : AWS, S3, EC2, HTML, CSS, JS

here we hosted an e-commerce website on Cloud so that it can be accessed by people

## ACHIEVEMENTS and AWARDS

### Trident Labs

AUV Team Head

Payload Team Head

Marketing Team Head

### Compendium : College Magazine

Social Media Head

### RangaManch : Theatre Club

Marketing and Social Media Head

### Anchoring Expertise

Mr. Maharashtra 2022

Patent Filed for Smart Energy Project

Collaboration in process with Bharti  
Hospital For Baby Monitoring Project

Research Paper Published for Smart  
Car Parking Project