Piyush Pawar
Ward No 14,
Ekata Nagar,
Buldana (Maharashtra, INDIA) - 443001
Email-id : pawar.piyush1@gmail.com
Mobile No.: 8605395447

ACADEMIC DETAILS

Year	Degree/Exam	University/School	CGPA/%
2020	B.E. ECE	Marathwada Mitra Mandal C.O.E,Pune	9.30
2016	XII	Late Jyoti Janolkar Jr. College, Akola	59.23%
2014	X	Sharda Dnyanpeeth Convent, Buldana	82.20%

FIELDS OF INTEREST

- Internet of Things Development, Web Development, Circuit Designing and Simulation, Artificial Intelligence.

TECHNICAL SKILLS

- **Languages:-** (C, C++, Python, Javascript)
- **Database:-** (MySQL)
- **Tools:-** (Arduino,Visual Studio,Matlab,Proteus,Android Studio,MS-Office)

PROJECTS

- **SMART PARKING SYSTEM WITH ADVANCE BOOKING**
  (*Guide*: Mrs. Mrinalini Pangaonkar)
  - This project is the implementation of IoT, to solve day to day Vehicle Parking problems. In this project Node-MCU module act as a parking gateway and IR sensor are implemented as parking slots. The condition of IR sensor is updated to the mobile application through Firebase Server. With the Mobile App users can easily book and reserve their parking slot. It's as easy as Booking a Cinema Ticket.

- **HOME AUTOMATION SYSTEM**
  (*Guide:* Mrs. Aparna Thakur)
  - The "Home Automation System" project is based on the functioning of RF module, where RF Transmitter work as a Remote Control and RF Receiver side is connected to various house loads using PIC Microcontroller and Relays. Thus all loads can be controlled with a remote controller, saving the cost of Mobile application.

- **SMART GARDEN IRRIGATION SYSTEM**
  - This Project uses ESP-32 Controller interfaced with a submersible dc-pump. It is controlled by using Blynk IoT Mobile application. The system is useful in big storey buildings, flats,etc where users can easily water their plants from anywhere in the world. This home irrigation system project is used for home gardens or small farming applications.

- **ANIMAL INTRUSION DETECTION ON FOREST FENCE**
  - This project is IoT based, developed by using ESP-8266 contoller. The ESP-8266 is interface with the vibration sensor module which sends the vibration data over Blynk Server to the Blynk IoT application. Whenever the vibration value on the fence exceeds the preset vibration range it sends a notification to the user about the intrusion.

INTERNSHIPS

- **SOFTHARD AUTOMATION, PUNE – PCB DESIGN INTERN**
  Worked on PCB Development, Mounting Components on PCB, Soldering and PCB Testing.
- **WebHub Technology, PUNE – IoT Developer**
  Worked on various Development phases of IoT device, worked on smart parking system using Node-MCU
- **Shortfundly, Work From Home – Graphics Designing Intern**
  Worked on Graphics Designing like making banners, social media posts. Worked on Adobe tools and Canva.
- **The TechInfinite, Work From Home – Technical Writer**
  Worked on Technical Writing amnd Blogging tools like Wordpress, got hands-on SEO management, ranked an article first on google search, researched on new technology, gadgets, smartphones.
- **Widhya.org, Work From Home – Front-End Developer**
  Build a Customer Review Webapp, Worked on API using Python's Flask Framework, Computed Uber Shortest Path using various algorithms (applied DSA).

CERTIFICATIONS

- Certified training in Javascript Modern ES6 on Udemy.
- Certified training in Machine Learning On-Ramp on Matlab.
- Workshop on Android Appliactio Development.
- Workshop on PCB Development.

EXTRA CURRICULAR ACTIVITIES

- Won 1st prize in ‘Advance IoT Project Competition’.
- Qualified for Pre-Final round of ‘IAAC’ 2020.
- Leaded the First Year Cicket Team in Inter College Ensemble House Cup Jan 2017.

STRENGTHS

- Adaptability, Willingness to Learn, Cross Culture Experience, Team Player

INTEREST AND HOBBIES

- Sports(Cricket, Football), E- sports, Gymming, Trekking
- Cooking, Reading Books, Astronomy, Travelling