

# Pranav Ahuja

I am a self-motivated, positive attitude person with a curiosity to learn things. My inspiration came from a world that has been integrated together and everything I do, learn and experience is the step towards inculcating the same. Being an Electronics enthusiast, I have worked in the field of IOT (Internet of Things) and Embedded Systems. I have experience working on STM32, AVR, Node MCU, ESP32, Arduino. I have experience in programming languages like C, Embedded C, C++, Python, Java, HTML, CSS.

## CONTACT

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## PROJECTS

### Unmanned Aerial Vehicle

January, 2022 - Present

- Build an UAV using Arduino Flight Controller.
- Components includes, Accelerometer sensor, ESC, Brushless Motors, nRF24L01 communication modules, Joystick, Arduino Uno, Arduino Nano.

### Bicycle Theft Alarm

October, 2021 - November, 2021

- Build an alarm system triggered bicycle anti theft device.
- Works using GSM module.
- Sense the motion of the bicycle using motion sensor.
- It will place a call to your mobile device.

### Posture Monitoring Device

June, 2019 - January, 2020

- Build a posture monitoring device, based on ESP32 micro controller.
- Correct the posture by producing vibration signals, if wrong posture is detected.
- Send the data to mobile phone using Bluetooth.

## EXPERIENCE

### System Engineer

Infosys · November 2020 - Present

- SAP ATPP
  - Regulatory reporting for Indonesia, Europe, China.
  - Master data creation and processing.
  - Serialization and serial number management.
- Trainings
  - JAVA
  - Data Structure
  - SQL
  - SAP MM
  - SAP ATPP

### Intern

Defense Research and Organization · June 2019 - July 2019

- Research in Missile Guidance Systems
  - Classification of Missiles and their working.
  - Classification of Missile Guidance Systems.
  - Aerodynamics



## SKILLS

Embedded C   C++   Python  
HTML   CSS   Leadership   IOT  
Circuit Design   PCB Design  
Thingworx   Arduino   STM32  
AVR   ESP32   Node MCU

## EDUCATION

### Bachelor of Technology

Bharati Vidyapeeth College of Engineering, Pune

Major: Electronics and Telecommunication

2016 - 2020 | 9.32 CGPA

## COURSES

IOT Devices

University of Illinois Urbana-Champaign

Microcontroller Embedded C Programming  
Udemy

## CERTIFICATIONS

Infosys IOT Professional Certificate

Infosys · April-2022