

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

+91 9650691311
pranav.ahuja3@gmail.com
<https://pranav-ahuja.github.io/pranavahuja/>
<https://www.linkedin.com/in/pranav-ahuja-17094a14a/>

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 Node MCU IOT
Circuit Design PCB Design OOP
Thingworx Arduino STM32
AVR ESP32 HTTPS XMPP
Bluetooth MQTT WiFi
Data Structure

EDUCATION

Bachelor of Technology

Bharati Vidyapeeth College
of Engineering, Pune

Major: Electronics and
Telecommunication

2016 - 2020 | 9.32 CGPA

COURSES

Hands-on Internet of Things

University of Illinois Urbana-
Champaign

Microcontroller Embedded
C Programming

Udemy

CERTIFICATIONS

Infosys IOT Professional
Certificate

Infosys · April-2022