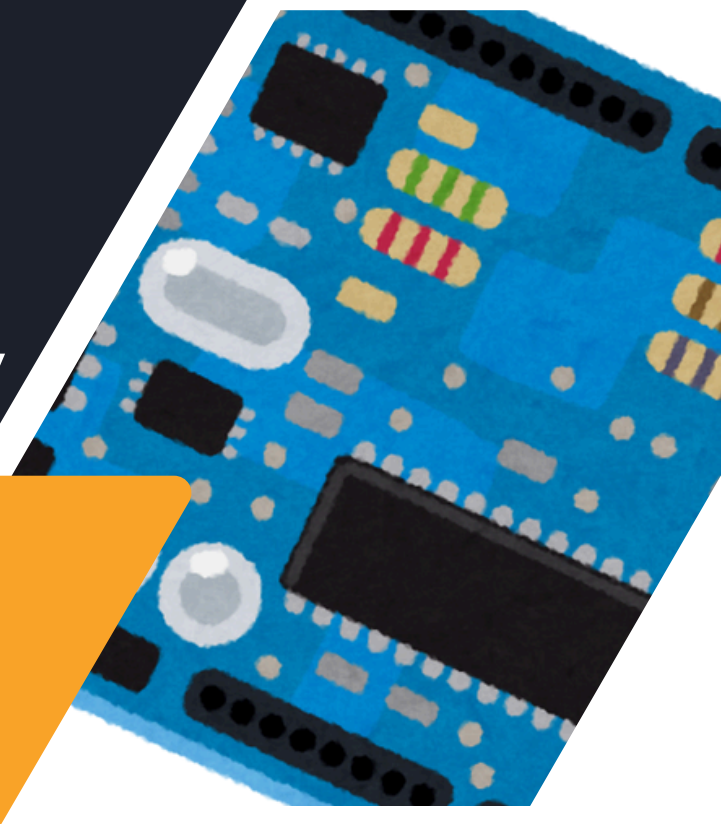
Make IoT
Empoworing The Future

Arduino and Internet of Things Internship

Become JOB Ready



Online and Offline Mode

Arduino and IoT Systems Challenge!

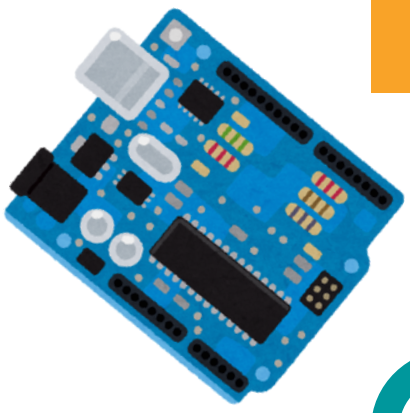
A 4-week hands-on internship to master Arduino and IoT from basics to building connected projects using sensors, actuators, and platforms like Blynk, ThingsSpeak, and Arduino IoT Cloud.

What You'll Achieve in Internship

- **Arduino Fundamentals & Programming**
- **GPIO with Sensors and Actuators**
- **ESP8266 Hardware & Software Setup**
- **IoT Fundamentals & Architecture**
- **Webservers and Using HTTP Protocol**
- **Arduino IoT Cloud, Blynk, and ThingsSpeak**
- **Real Arduino + IoT Projects**

1st Week

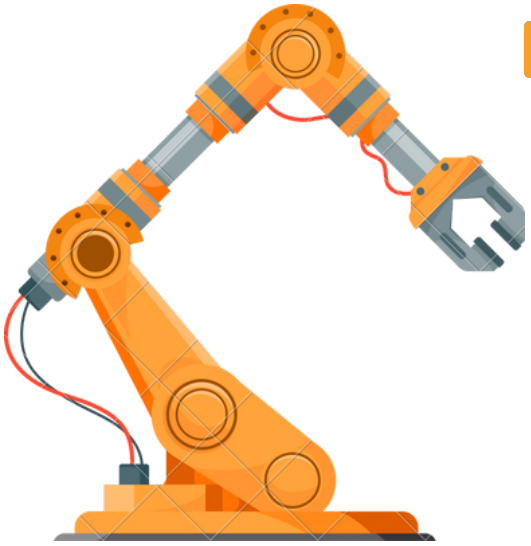
Arduino Fundamental



- ✅ Introduction to Arduino
- ✅ Types of Arduino
- ✅ Arduino Application
- ✅ Arduino Hardware
- ✅ Arduino Software
- ✅ Programming Basic
- ✅ Simulation Tools
- ✅ Code Compile and Download

ARDUINO™

2nd Week



Mastering Arduino

- ✅ Digital Input
- ✅ Digital Output
- ✅ Switch interfacing
- ✅ Pull Up and Pull Down Topology
- ✅ Analog Input Output
- ✅ Serial monitor
- ✅ LCD interfacing
- ✅ Ultrasonic Sensor
- ✅ Servo Motor

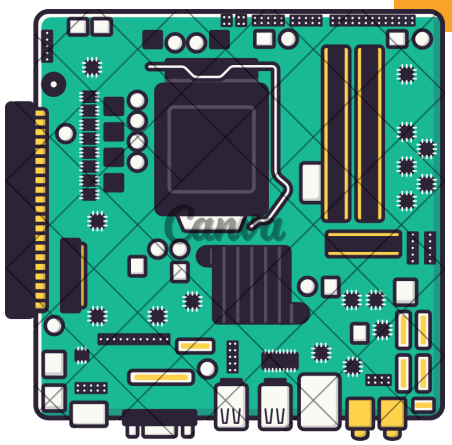
- Mock Interview for IoT Software Engineer Roles
- Embedded C and Python Coding Challenges & Debugging Exercises

FREE

3rd Week

IoT Fundamental

- ✅ Introduction to IoT
- ✅ IoT layered Architecture
- ✅ Application of IoT
- ✅ ESP8266 Hardware
- ✅ Software setup
- ✅ Simulation with Wokwi
- ✅ Input and Output
- ✅ Sensor with NodeMCU



4th Week

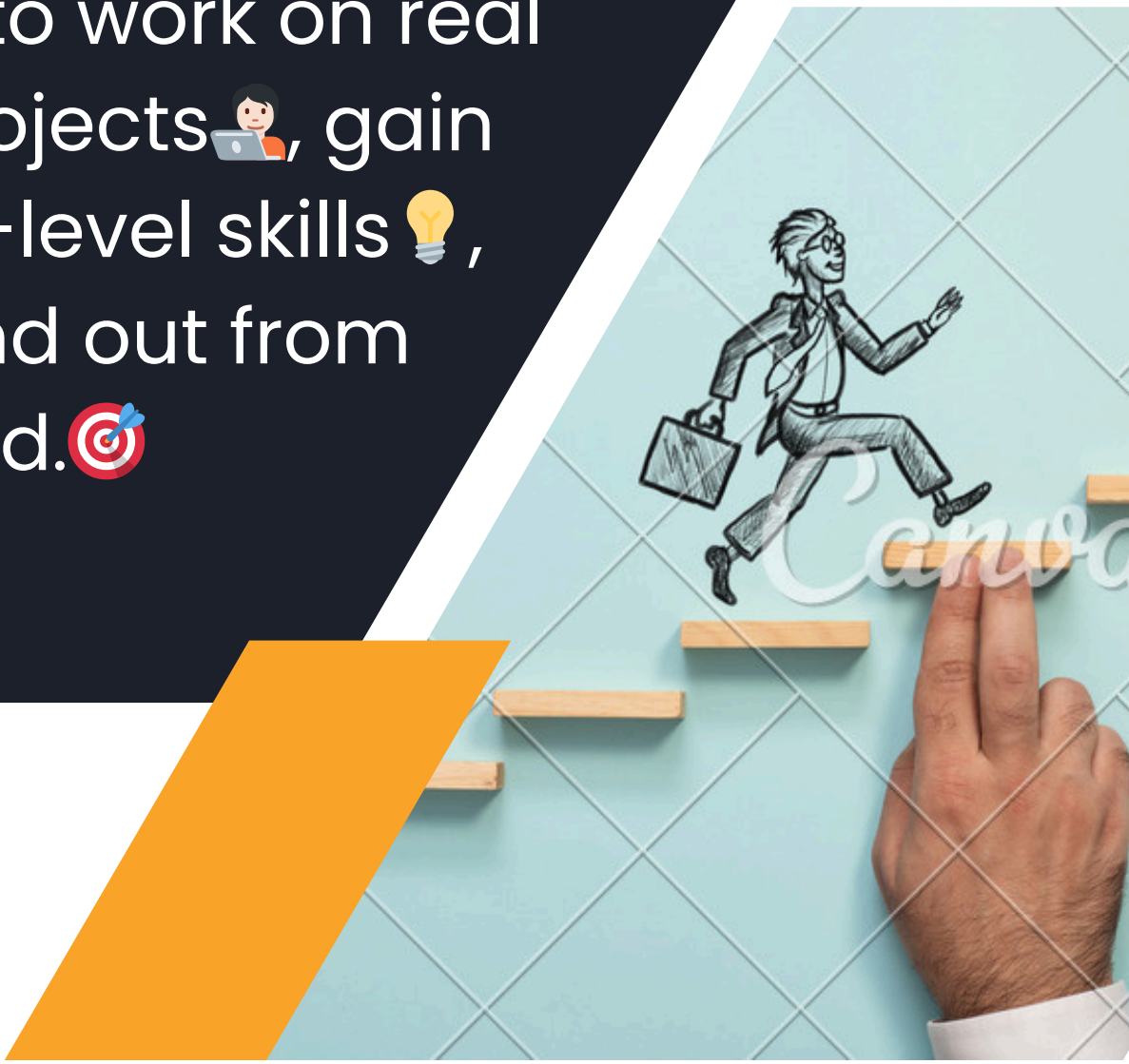
Advance IoT

- ✅ Basic of WiFi
- ✅ Station and Access Point
- ✅ TCP/IP Stack
- ✅ ESP8266 as Webserver
- ✅ HTTP Protocol
- ✅ Arduino IoT cloud
- ✅ ThingsSpeak Cloud
- ✅ Blynk IoT cloud

- Hands-on Labs & Real-Time Projects
- Exclusive PDFs & Cheat Sheets
- Access to ESP8266 Projects & Source Codes

FREE

This internship is your chance to work on real world projects👨‍💻, gain industry-level skills💡, and stand out from the crowd.🎯



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