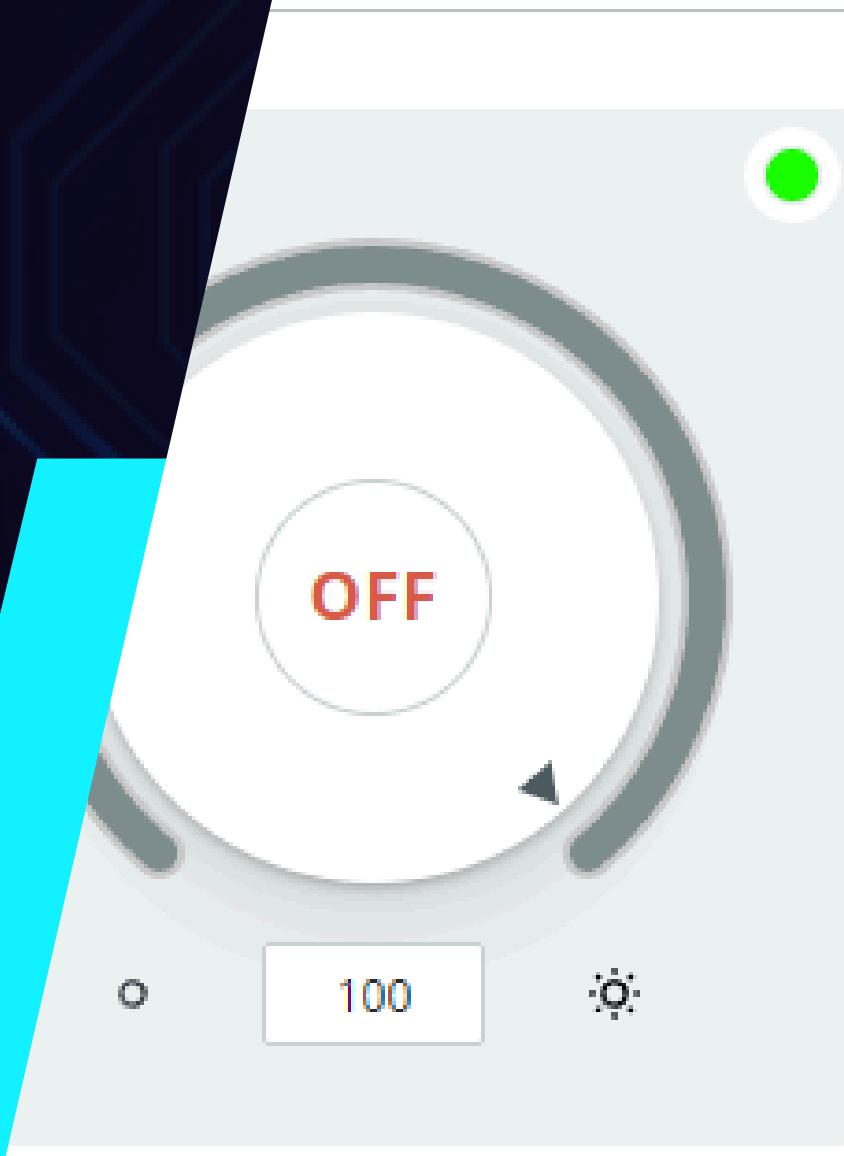


ARDUINO IOT CLOUD

TEST

Switch



WHAT IS ARDUINO IOT CLOUD

The Arduino IoT Cloud is a popular platform that links our projects to the Internet, making it simple and easy to use without any additional requirements. Initially supporting only Arduino boards, it now also accommodates third-party boards such as ESP8266 and ESP32.

The important aspect is creating a single dashboard for both mobile and desktop, simplifying our work significantly.

CREATING A THING

01

Remember to register for the Arduino IoT Cloud platform and keep your account username and password handy.

02

Create a thing in the Arduino IoT cloud and setup the necessary variables to control our LED

03

After creating the variables and others lets setup the Wifi Connection to our device

MOST IMPORTANTLY KEEP IN MIND TO DOWNLOAD THE PDF FILE CONTAINING THE SECRET KEY

CONNECTING TO NETWORK

- When connecting to the WiFi network, remember to enter the security key for the IoT device.
- The security key is very important if it is not correct the system may not connect to the internet

The image displays two side-by-side screenshots of an IoT device configuration interface. The left screenshot shows the 'Associated Device' section, which lists three devices under the 'HOME' category: 'AUTOMATION' and 'DEVICE'. Each device entry includes its ID (e.g., 0caf38a7-44d6-4bf3-acaa-5064e...), Type (e.g., NodeMCU 1.0 (ESP-12E Module)), and Status (e.g., Offline). Below this, there's a 'Network' section with fields for 'Wi-Fi Name', 'Password', and 'Secret Key', all currently set to placeholder values ('SREEHARI', '.....', '.....'). The right screenshot shows the 'Configure Network' section, which prompts the user to 'Enter your network credentials to allow your device to connect to the Cloud.' It contains three input fields: 'Wi-Fi Name *' (SREEHARI), 'Password' (.....), and 'Secret Key *' (.....). An 'IMPORTANT' note at the bottom states: 'Remember to go to the "Sketch" tab and upload the sketch to load the credentials on the board.'

Associated Device

HOME

AUTOMATION

DEVICE

ID: 0caf38a7-44d6-4bf3-acaa-5064e...

Type: NodeMCU 1.0 (ESP-12E Module)

Status: Offline

Change Detach

Network

Wi-Fi Name: SREEHARI

Password:

Secret Key:

Change

Configure Network

Enter your network credentials to allow your device to connect to the Cloud.

Wi-Fi Name *

SREEHARI

Password

.....

Secret Key *

.....

IMPORTANT: Remember to go to the "Sketch" tab and upload the sketch to load the credentials on the board.



CREATING A SKETCH



OUR MISSION

01

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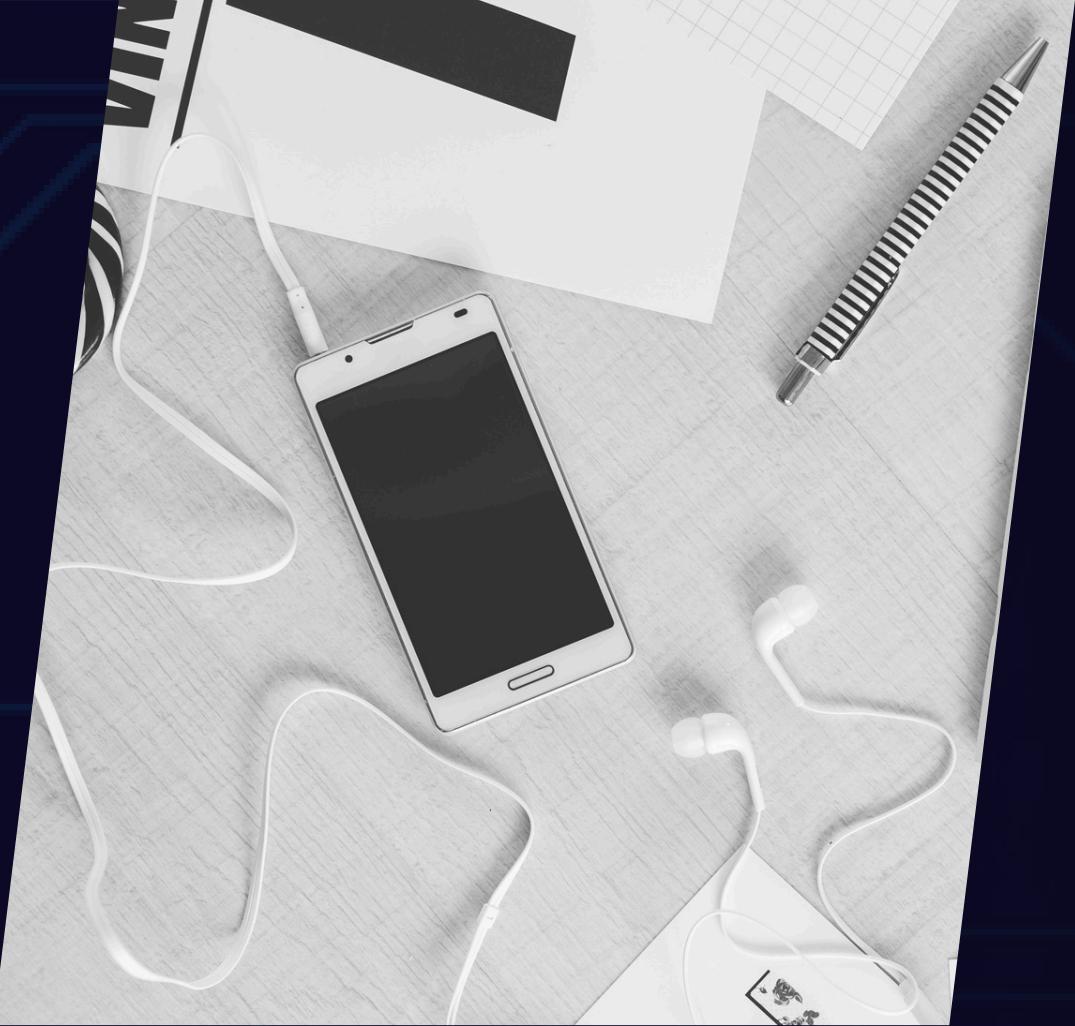
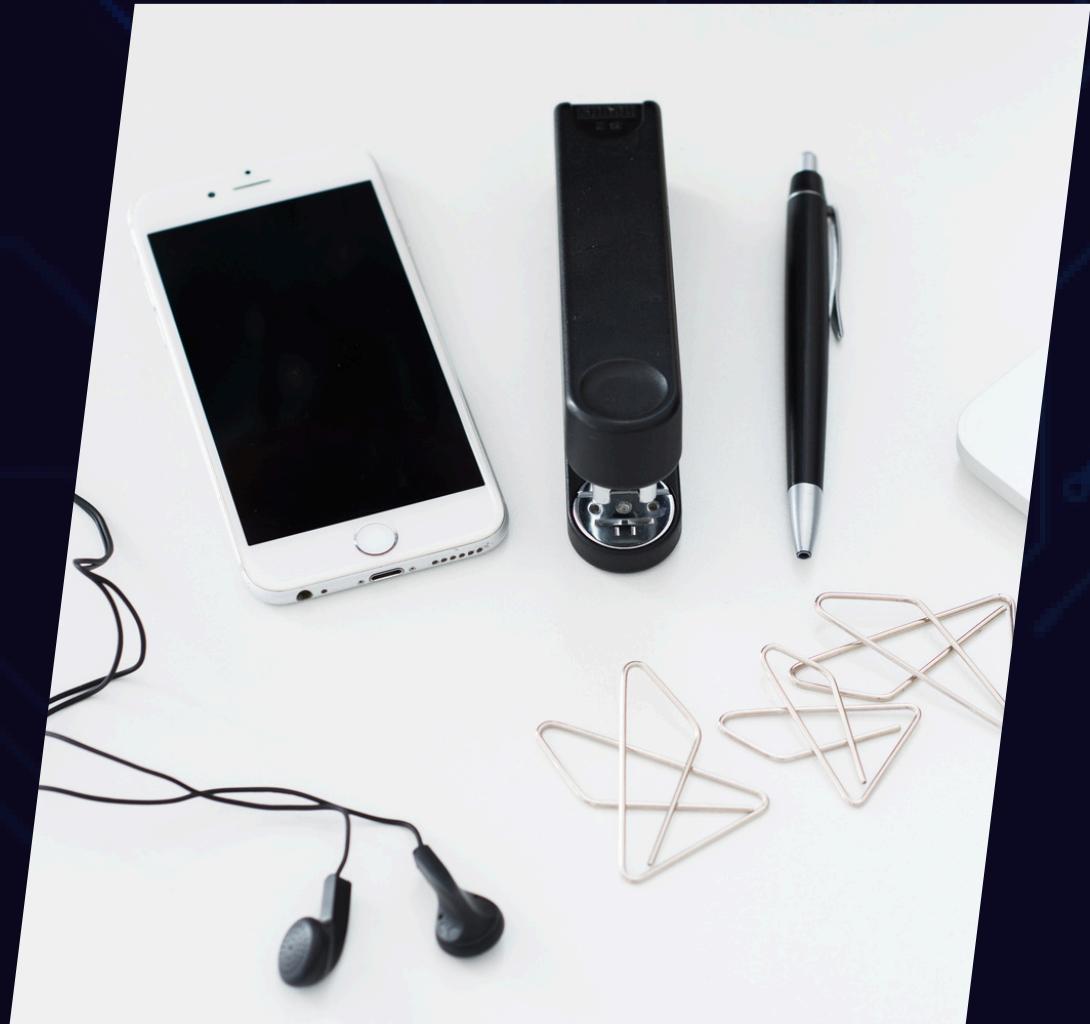
03

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PORTFOLIO



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MEET OUR TEAM

**Alfredo Torres**

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**Bailey Dupont**

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**Daniel Gallego**

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**Adeline Palmerston**

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THANK YOU