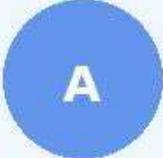




**E**

## **ESP32**

ESP32 (Microcontroller)



**A**

## **Arduino**

Arduino IDE



**N**

## **Node-RED**

Node-RED (Dashboard & Flows)



**M**

## **MQTT**

MQTT (Mosquitto Broker)



**D**

## **DHT22**

DHT22 Temperature Sensor



**R**

## **Relay**

Relay Module (Pump Control)



**WP**

## **Water Pump**

Water Pump



**NU**

## **Node-RED UI**

Node-RED Dashboard

Stack of technologies used in the project