



# Wahyudi Prasatia

IoT Engineer Specialist



## PROFILE

I am a hard worker and very enthusiastic about the field of IoT,

I also have experience in several IoT projects.

Develop, designs and makes

IoT projects commercial industry,

very interested in the world

Digital startup in the field of IoT.

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## EDUCATION

### Bachelor's Degree

Politeknik Negeri Batam  
Mechatronic Engineering  
Oct '14 - Aug '18

### Senior High School

SMA N 1 Junjung Sirih  
Science Major  
Jun '11 - Aug '14

## LANGUAGE

English

Bahasa

## WORK EXPERIENCE

### IoT Engineering

Jan '21 - Now

PT. Koltiva

#### Digi Scale Project

Digi scale project, designing, developing and creating a tool to be able to integrate digital scales with mobile apps and desktop apps over wireless connectivity.

#### Portable Soil Analysis

Portable Soil Analysis, Design, Develop and create tool with many parameters, like a pH, temp, humidity, EC and nitrogen, phosphorus, and potassium. The data can integrated with mobile app over BLE (Bluetooth low Energy)

#### Soil & Weather station

Soil & weather station, Design, develop, and create tool for monitoring soil and weather using multiple sensor, adding edge technology using AWS Greengrass and integrated to AWS IoT Core for collect and analysis data

Find me on social media



Find me on social media



 facebook.com/raozu

 linkedin.com/in/raozu

 github.com/wahyudi24

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IoT Engineer Spesialist



## WORK EXPERIENCE

- PLTG Scada Monitoring** Jun '20 - Dec '20  
PT. Labberu (Project Based)  
Control & Monitor Engine Pembangkit Listrik Tenaga Gas using modbus communication from IO Device data deliver to Desktop application. and integrated using GSM.
- Battery Monitoring System** Aug '19 - Oct '19  
PT. Docotel Teknologi (Project Based)  
Read data from a battery controller device using raspberry pi with socket communication, integration with postgres database and create APIs for consumption by applications
- IoT Engineering** Oct '18 - Aug '19  
PT. Graha Sumber Prima Elektronik
  - Vio Air Cond**  
Design, Develop, and Create Device for control and monitor Air conditioner split, like power on or off, adjust temp, know power consumption and then integration using Web Dashboard.
  - Smart Server Cabinet**  
Design, Develop, and Create Device for control and monitor server cabinet using multiple sensor, like control PDU, monitor UPS, Fire Alarm, , smart door lock system, and any more and then integration using Web Dashboard.

## CERTIFICATE



goo.gl/SSvwm6

## PROGRAMMING SKILL

C Programming

Python

Go-Lang

Free RTOS

## SOFTWARE SKILL

Easy EDA

Autodesk Inventor

Node - Red

Master-CAM

## HARDWARE SKILL

Microcontroller

Mini-PC

3D Printer

CNC Machine

Electrical Instalation