

# RESUME

WAHYUDI PRASATIA S.Tr.T

Perumahan Cipta Regency Block E No.18  
Batam - Indonesia



## Profile

# WAHYUDI PRASATIA



## CONTACT



Wahyudi



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Perumahan Cipta Regency Blok E No.18  
Batam - Indonesia



## LANGUAGES

INDONESIA

Native Language

ENGLISH

Beginner



## GRADUATED

2014 - 2018

Mechatronic Engineering

Politeknik Negeri Batam

GPA 3.55

IOT ENGINEERING

## PROFILE



I am a hardworking, experienced in the field of IoT engineer, designs and makes IoT projects commercial industry, very interested in the world Digital startup in the field of IoT. Received an award as Finalist at TBiG Creation 2018

## PARTICULAR



Peninggahan, 8 May 1997

Male

Single

## EXPERIENCE



IOT ENGINEER

PT. GRAHA SUMBER PRIMA ELEKTRONIK  
Jakarta - Indonesia

IOT ENGINEER INTERN

PT. MULTI KREASI SINERGIA  
Batam - Indonesia



Traveling



Culinary



Joging



## HOBBIES



## Work Experience

### IoT Engineer

#### Company

PT. Graha Sumber Prima Elektronik  
R&D Department (2018-2019)

#### Description

Make hardware for control air conditioners with a power meter.  
Designing ESP8266 Chip to build a Mesh Network.  
Integrate Vio web controls and monitors platform into IoT devices.  
Designing smart grid eye image system temperature to control EC Fan in data center.

### IoT Engineer Intern

#### Company

PT. Multi Kreasi Sinergia  
R&D Department (4 Month)

#### Description

Creating a Raspberry-based Smart Home Project Integration of the Smart Home Voice Recognition System (Alexa Voice & Google Home).  
Using Wemos as Communication Home Monitoring with the WEB App Integration with Cloud FireBase used Red IDE node.

#### More Portfolio :

<https://goo.gl/88SVcG>

### IoT Battery Monitoring Sistem

#### Project Owner

PT. Docotel Teknologi  
3 Month Project

#### Description

Read data from a battery controller device using raspberry pi with socket communication, integration with postgres database and create APIs for consumption by applications

### Okurity Project

#### Project Owner

RISTEK DIKTI (PKM)

#### Description

Make Portable Devices with GPS technology and motion detection Axelerometer  
Integration with Android Applications  
Integration with Cloud FireBase

Portfolio : <https://goo.gl/7X45rp>

### Pong Ball Levitation Design Project

#### Project Owner

Own Project

#### Description

Designing Plan Ball Levitation & Simulation  
Implementation of PID Control  
Implementation of Artificial intelligence (AI) based on Fuzzy Logic Controller

Portfolio : <https://goo.gl/4inZ77>



## Skill & Achievement

### Programming Skill

C Programming

C# Programming

Java Programming

PLC Programming

### Software Skill

Android Studio

Autodesk Inventor

Eagle PCB Design

CX Programmer

Master CAM (Computer Aided Manufacturing)

Arduino IDE

Node - Red

### Hardware Skill

Arduino

ARM

Raspberry PI

PLC OMRON

CNC Machine

Electrical Installation



[goo.gl/SSvwm6](https://goo.gl/SSvwm6)

Certificate and Transcript

### Industrial Internship 2017

Appreciator  
PT. Multi Kreasi Sinergia  
Batam, Indonesia

Achievement  
GOOD PREDICATE



[goo.gl/2aAcSb](https://goo.gl/2aAcSb)

### TBiG Creation 2018

Appreciator  
PT. Tower Bersama Group  
Jakarta, Indonesia

Achievement  
Finalis



[goo.gl/Dqkn8X](https://goo.gl/Dqkn8X)

### PKM 2018

Appreciator  
RISTEK DIKT  
Jakarta, Indonesia

Achievement  
Funded



[goo.gl/ehY5sL](https://goo.gl/ehY5sL)

### TTG Batam City

Appreciator  
PEMKO BATAM  
Batam, Indonesia

Achievement  
TOP 30