

# MUHAMMAD RAFII

New Thing Enthusiasts

01 CONTACT



+62-857-0302-9641  
github.com/fii99  
linkedin.com/in/fii99  
muhammadrafi399@gmail.com  
West Cikarang, Indonesia



02 EDUCATION

## Bachelor of Electrical Engineering

Universitas Pendidikan Indonesia

08/2017 - 08/2021 Bandung, Indonesia

03 WORK EXPERIENCE

## Freelance

Universitas Pendidikan Indonesia

08/2018 - 08/2019 Bandung, Indonesia

Education Service

Power Laboratory Assistant

- electrical measurement technique
- programming the Programmable Logic Controller (PLC)
- assembling electrical panel board/distribution board (DB Board) in low voltage (SUTR)

## Internship

PLTP - PT. Indonesia Power Kamojang

06/2019 - 07/2019 Garut, Indonesia

Maintenance Service

Junior Electrical Engineer

- remaining life assessment of electrical plant equipment
- overhaul of electrical plant machines
- diagnostic and testing electrical plant equipment

## Founder

Oboxtech Indonesia

01/2020 - Present Cikarang, Indonesia

Creative Content on Instagram

IoT Application Developer

- designing electronic circuits
- programming the microcontroller
- assembling electronic components
- make photos/videos to share the knowledge
- simulating the electronic circuit

04 SKILLS

CX-Programmer AutoCAD Matlab Proteus  
Multisim Arduino IDE Eagle VSCode Dart C  
Mobile App Development Firebase Flutter

05 CERTIFICATE

## Industry Automation

Indonesian Professional Certification Authority (BNSP)

01/2020 - 01/2023 Polytechnic TEDC Bandung, Indonesia

Certificate of Competence: 28200 3139 4 0000130 2020

No. Reg. J 751 00040 2020

Junior Technician

- maintaining electrical equipment
- maintaining electronic equipment
- maintaining sensors
- maintaining the workplace environment
- maintaining the effectiveness of relationships at work

06 PERSONAL PROJECTS

### Building Electrical Installation Design (09/2019)

Designing an electrical installation for Program Pasca Sarjana (PPS Building) and calculate the power requirement

Technology used: AutoCAD

### Motorcycle Tracking Device (02/2021 - 07/2021)

Thinking, Designing, and Assembling all of components based on Internet of Things to execute the command

Technology used: ATmega328, ESP-01, GSM SIM800L, GPS U-blox Neo 6M, EAGLE

### ConSys App - Mobile App (02/2021 - 07/2021)

Build a Control System (ConSys App) mobile application using Android OS for user to control and tracking the motorcycle

Technology used: Flutter Mobile, Firebase, VSCode, Dart

### Cosmetics App- UI/UX Design (10/2021 - Present)

Designing UI/UX for cosmetics store mobile application

Technology used: Figma, Adobe Illustrator

07 EVENT

### Mastering a Proteus Simulation (11/2020)

Become a speaker to teach about proteus simulation usage

Topic discussion: Coffee Maker

08 INTERESTS

Control and Instrumentation  
Internet of Things  
Automation Things  
Electrical and Electronics Circuit  
UI/UX Design  
Mobile App Development