

MUHAMMAD ARIONI PUTRA PERKASA

IT Manager

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PROFILE

IT Manager with more than 2 years experience building IoT applications and leading projects for smart greenhouse and smart system for irrigations. I love solving problems and looking for new ventures where I can apply my expertise, learn and evolve.

WORK EXPERIENCE

PT Kharisma Agri Inovasi – Bogor, Indonesia

IT Manager (January 2021 – now)

- Designing and implementing cloud architecture using Amazon Web Service for smart farming systems.
- Develop standards for IoT, mobile apps, and websites.
- Supervised a team of 1 IoT engineer, 1 mobile apps developer and 1 website developer.
- Collaborate with OKE Garden to develop smart gardens.
- Collaborate with PT Zara to develop smart poultry.

PT Kharisma Agri Inovasi – Bogor, Indonesia

IoT Engineer (August 2019 – January 2021)

- Develop and maintain IoT code for monitoring and controlling at 7 pesantren (16 smart greenhouses and 5 smart irrigation systems) using ESP32/ESP8266, Raspberry Pi and Arduino .
- Research LoRa, BLE, and MQTT/MQTT/S protocols for low network area.
- Designing and implementing data communication architecture between things, clouds and apps/websites.

EDUCATION

IPB University, Bogor, Indonesia (2016 - 2021)

Bachelor degree in computer science

SKILLS and TECHNOLOGIES

- Computational thinking
- Creative thinking
- IoT (C/C#, Python)
- Front-end programming (Vue, Laravel, Nuxt)
- Back-end programming (Python, Java, Node.js, Express)
- Database Engineer (SQL, NoSQL)

Ijazah



Sertifikat





Unit Laboratorium Riset Unggulan
Institut Pertanian Bogor

SERTIFIKAT

diberikan kepada

M Arioni Putra Perkasa

atas partisipasinya sebagai

Peserta

"Electrical Impedance Tomography (EIT)- Prinsip Pengukuran"

Kampus IPB Dramaga, Bogor, 02 Maret 2019 .

Kepala,

Dr. Ir. Kiagus Dahlan, M.Sc.

IPB University - Inspiring Innovation with Integrity



Builders Online Series

Your quick start to AWS

CERTIFICATE OF ATTENDANCE

THIS CERTIFICATE IS AWARDED TO



Muhammad Arioni

ON 21 JANUARY, 2021

AWSOME DAY

ONLINE CONFERENCE



CERTIFICATE OF ATTENDANCE

THIS CERTIFICATE IS AWARDED TO



Muhammad Arioni

ON 4 NOVEMBER, 2020

A handwritten signature in black ink.

Maureen Lonergan

Director, Training and Certification, AWS



CERTIFICATE OF APPRECIATION

This certificate is awarded to

Muhammad Arioni Putra Perkasa

For participating in the UN in
Indonesia's International Youth Day 2021 commemoration

Jakarta, 14 August 2021

A handwritten signature in black ink.

Valerie Julliand

UN Resident Coordinator in Indonesia



SERTIFIKAT

No.001/25-kkn/workshop/LPPM/VII/2021

♦ ♦ ♦

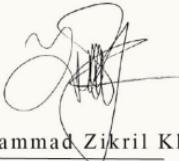
Penghargaan ini diberikan kepada

Muhammad Arioni

Sebagai peserta dalam seminar online dengan tema
“Menjadi Pembisnis Handal Hanya dengan Jempol”

Universitas Trilogi Jakarta,

6 Juli 2021


Muhammad Zikril Khoir
Ketua Pelaksana


Dr. Aty Herawati
Kepala LPPM

BUMN UNTUK INDONESIA



BRI

SERTIFIKAT

DIBERIKAN KEPADA

MUHAMMAD ARIONI PUTRA PERKASA

Atas partisipasinya dalam BRI Data Hackathon 2021
Jakarta, 17 Maret 2021


Danar Widyantoro

Executive Vice President Enterprise Data Management Division

