



Welcome to my  
Portfolio!



# Hello World!

I AM MUHAMMAD ARIS SEPTANUGROHO

I am excited to share my  
experience about my  
projects 😊

You can find me at:

Ig : @mhmdaris15

GitHub : Mhmdaris15







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# WEB DEVELOPMENT



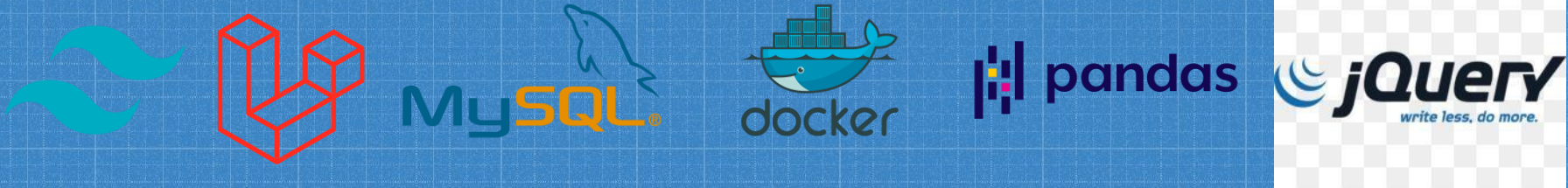
Let's start with my  
experience on Web  
Development



# WEB APP E-VOTING

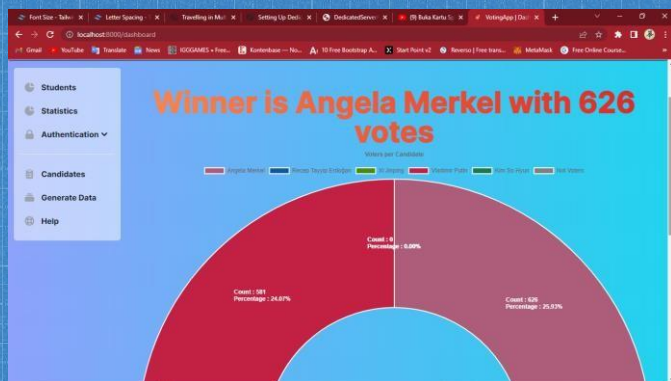
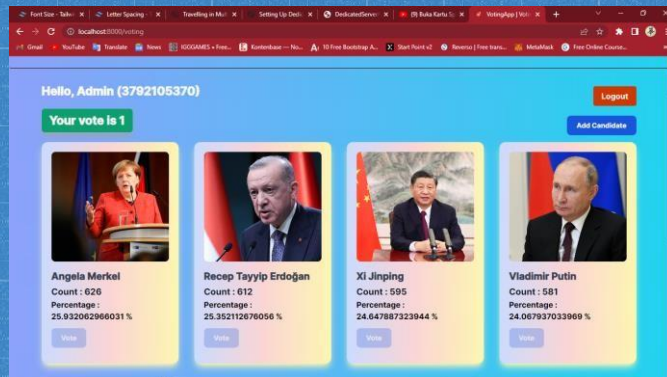
This is my latest project. I am building Dynamic Web Application for Voting Candidates of The leader of OSIS Organization at my vocational high school. In this project I am also utilizing Data Engineering skills to clean students and teachers data. Generating account for each person. For deployment I am using Docker that Laravel already provided. It's called Laravel Sail.

Tech Stack that I use for building the project are:





# User Interface preview



SMKN 1 CIBINONG

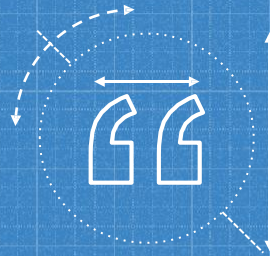
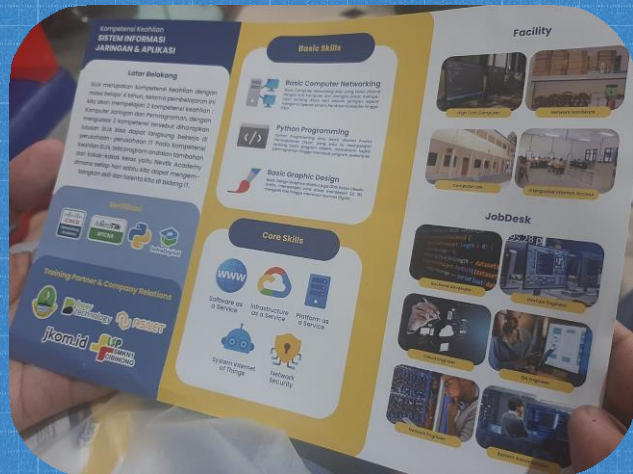
Home Dashboard Voting

Students Statistics Authentication Candidates Generate Data Help

Kelas Status Voting Add

ID	NAME	EMAIL	NIM	ROLE	KELAS	SELECTED CANDIDATE	ACTIONS
1	Admin	admin@gmail.com	3792105370	admin	XI SLA 1	Angela Merkel	Edit Delete
2	AFIRNA PUTRI PURWANTO	Afirna0068912927@gmail.com	68912927	user	X DKV 1	Recep Tayyip Erdoğan	Edit Delete
3	AHMAD FARREL JUSTISIA SUMANTRI	Ahmad0068335591@gmail.com	68335591	user	X DKV 1	Vladimir Putin	Edit Delete
4	AHMAD HIDAYATULLAH	Ahmad0062146742@gmail.com	62146742	user	X DKV 1	Angela Merkel	Edit Delete
5	AKHDAN SUDIANTO	Akhdan0064036395@gmail.com	64036395	user	X DKV 1	Vladimir Putin	Edit Delete





# SIJA Promotion Website

I have been trusted by my teacher to hold the project that aims promoting my department (SIJA) to new candidate student. Here I am a Project Manager and also as a Frontend Dev



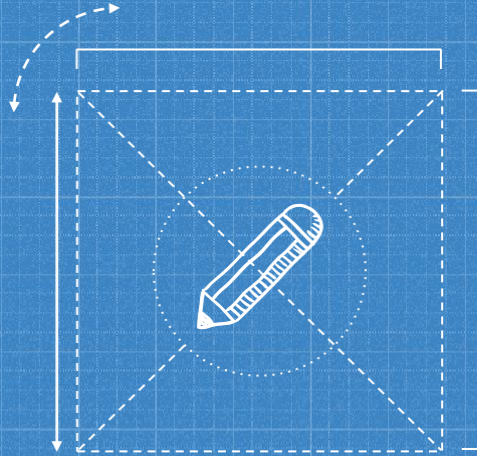
## SIJA Promotion Website

You can check my team's result directly on <https://sija.nevtik.org/> [if the URL isn't found. Check the repo instead]

And if you're interested also with the source code. Check my repository!

<https://github.com/Mhmdaris15/SIJA-Website>





## Cybersecurity Website build with Streamlit

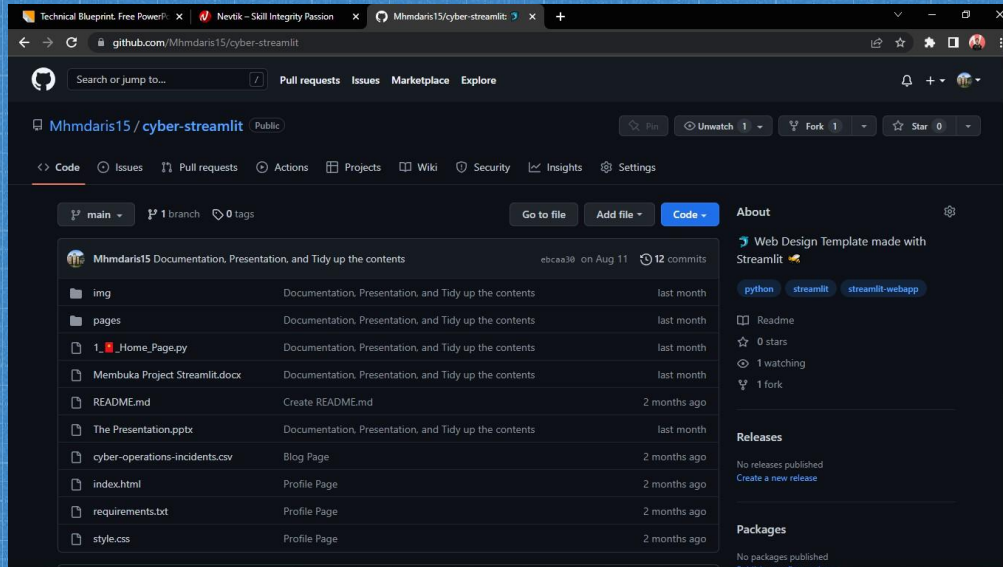
Again, I am believed by my teacher to do this Project. I create a Website for Cybersecurity Information with Streamlit. Actually, It's a Python Library generally used for Data Science & Machine Learning Interactive analytics.



# Cybersecurity Website with Streamlit

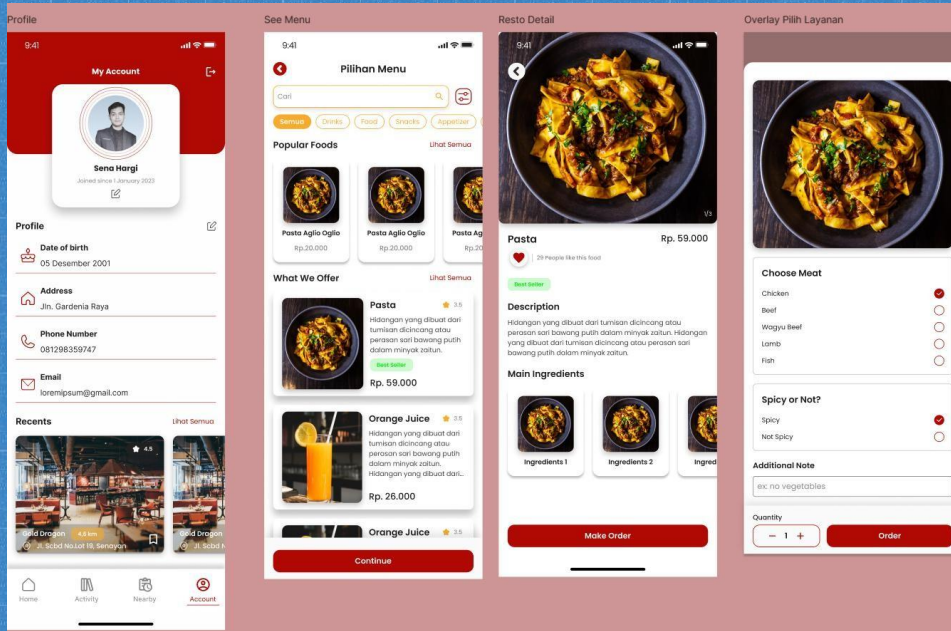
Still same, I uploaded the source code on my GitHub repositories. Here's the link!

<https://github.com/Mhmdaris15/cyber-streamlit>





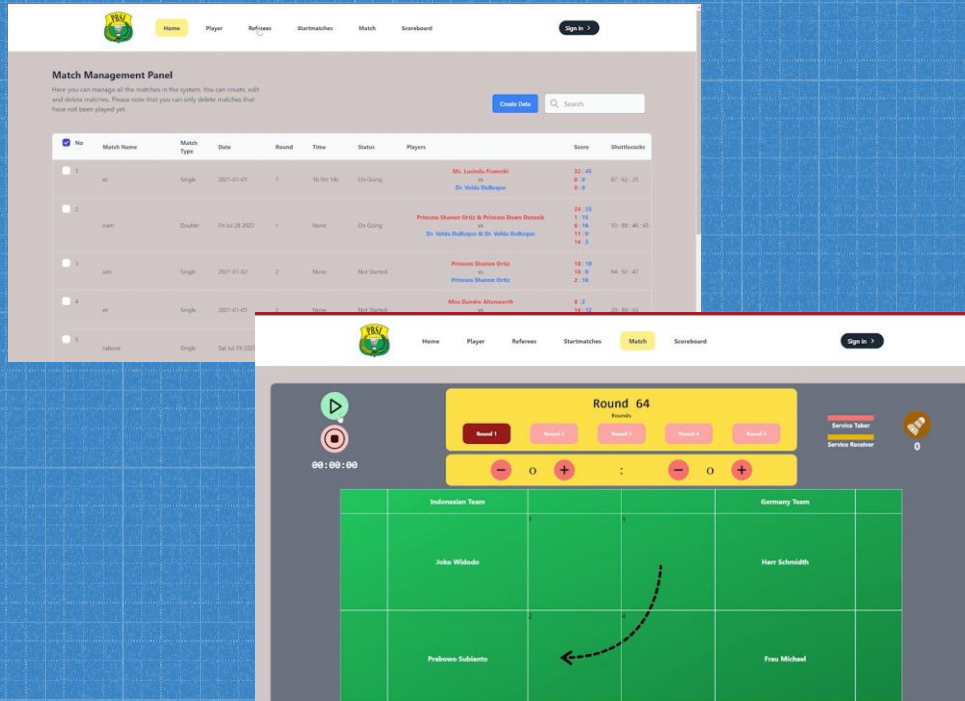
# Mija – Restaurant Order Management System



Mija is a solution for Resto/Cafe to improve their ordering system into Application, where customers would be able to order menu, or making reservations on thru their fingers from this App. It's web based application and have been integrated also with Mobile Native system. Using Web View from Flutter



# PBSI – Match Management System



I developed a real-time scoring system for PBSI Jabar's badminton matches, leveraging Web Sockets to provide instant data updates and significantly enhance the user experience. The system features a user-friendly React JS web application designed for players, referees, and stakeholders, ensuring seamless interaction and accessibility. On the backend, I engineered a scalable solution using Golang (Gin Gonic) with RESTful APIs, enabling efficient management of player registration, match scheduling, and referee assignments. The platform supports real-time score adjustments during matches and includes a robust feature for generating and printing detailed match result summaries, ensuring accuracy and convenience for all users. This project showcases my ability to deliver comprehensive, real-time solutions with a focus on usability and scalability.






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# ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



Let's go to the next  
field. It's very  
exciting. AI opens this  
world's new Era!





# Attendance System with Face Recognition

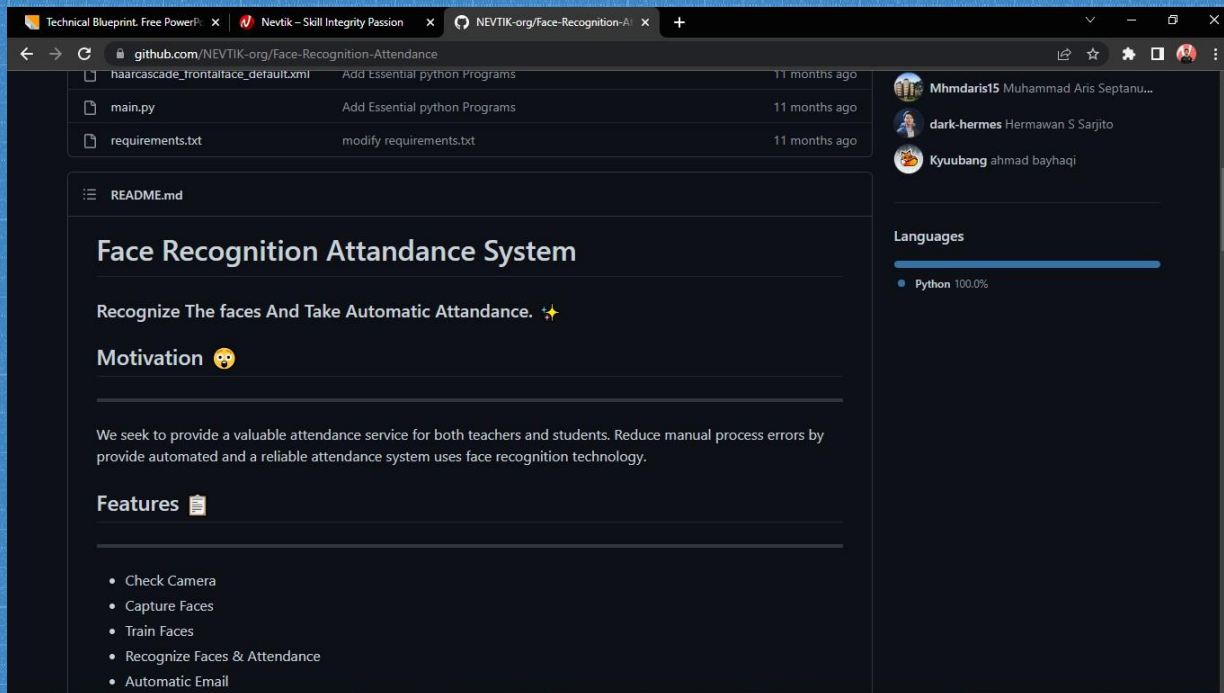
AI has become so amazing.  
It can detect people  
uniquely by recognizing its  
face features.



Actually, It's just an  
internal Project. In order  
to implement my knowledge  
during learning AI. The  
final Project is it. Made  
by love and interest



Again, You could check my repository on my GitHub for Free xD  
<https://github.com/NEVTIK-org/Face-Recognition-Attendance>  
Well, It's well-documented also. Use it as you want!



The screenshot shows a web browser window displaying a GitHub repository. The browser's address bar shows the URL `github.com/NEVTIK-org/Face-Recognition-Attendance`. The repository page has a dark theme. On the left, a file explorer shows `haarcascade_frontalface_default.xml`, `main.py`, and `requirements.txt`. The main content area displays the `README.md` file. The title is "Face Recognition Attendance System". Below it, the description reads "Recognize The faces And Take Automatic Attendance. ✨". The "Motivation" section, marked with a thinking face emoji, states: "We seek to provide a valuable attendance service for both teachers and students. Reduce manual process errors by provide automated and a reliable attendance system uses face recognition technology." The "Features" section, marked with a notepad icon, lists: "Check Camera", "Capture Faces", "Train Faces", "Recognize Faces & Attendance", and "Automatic Email". On the right sidebar, the repository owner "Mhmdaris15" is listed, along with other contributors "dark-hermes" and "Kyuubang". A "Languages" section shows a bar chart with "Python" at 100.0%.

Technical Blueprint. Free PowerP... x | Nevtik - Skill Integrity Passion x | NEVTIK-org/Face-Recognition-A... x

github.com/NEVTIK-org/Face-Recognition-Attendance

haarcascade\_frontalface\_default.xml Add Essential python Programs 11 months ago

main.py Add Essential python Programs 11 months ago

requirements.txt modify requirements.txt 11 months ago

README.md

## Face Recognition Attendance System

Recognize The faces And Take Automatic Attendance. ✨

### Motivation 🤔

We seek to provide a valuable attendance service for both teachers and students. Reduce manual process errors by provide automated and a reliable attendance system uses face recognition technology.

### Features 📋

- Check Camera
- Capture Faces
- Train Faces
- Recognize Faces & Attendance
- Automatic Email

Mhmdaris15 Muhammad Aris Septanu...

dark-hermes Hermawan S Sarjito

Kyuubang ahmad bayhaqi

#### Languages

Python 100.0%



# KKSI Data Science 2021



KAMP KREATIF  
SMK INDONESIA (PEMBELAJARAN DARING) KKSI 2021

*“Menyiapkan Keunggulan Masa Depan”*

It's a competition held by Kemendikbud RI called KKSI (Kamp Kreatif SMK Indonesia). This program consists of training during 3 months and the final project is being competed

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My team and I was creating the final projects that consists of 3 :

1. Time series analysist. Create a machine learning model that can predict the value of product revenue from multivariate and time series data
2. Students data analysist. Create a product that would be able to predict the best fits of major choice in SMKN 1 Cibinong based on Report card value by PPDB Participants

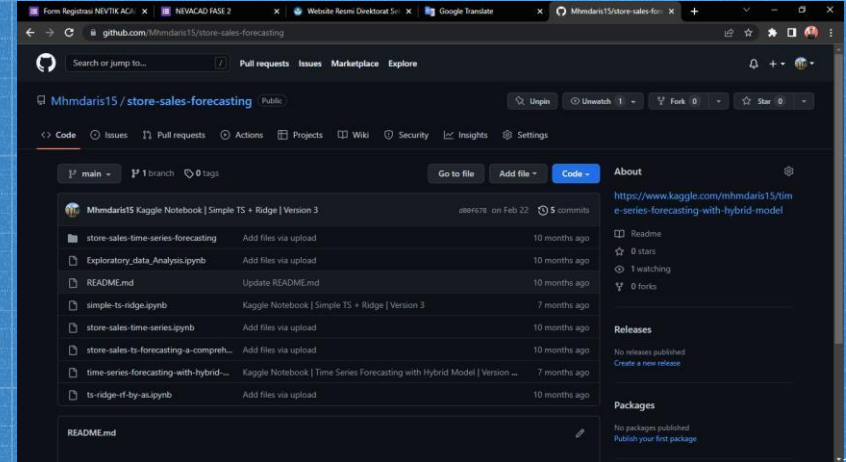




Students Data Analyst and Best  
suits of major prediction  
<https://youtu.be/aC5K4wlF Gg>

Time series analyst and store sales  
forecasting.

<https://github.com/Mhmdaris15/store-sales-forecasting>








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## COMPUTER NETWORKING AND IT SUPPORT

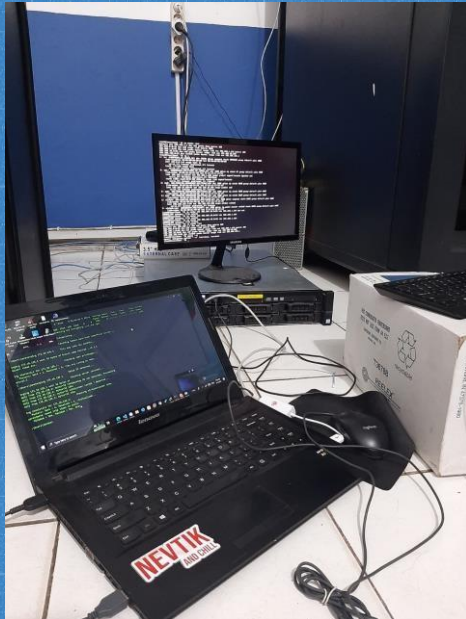


Besides of Programming,  
I can show my experience  
on Networking as well!

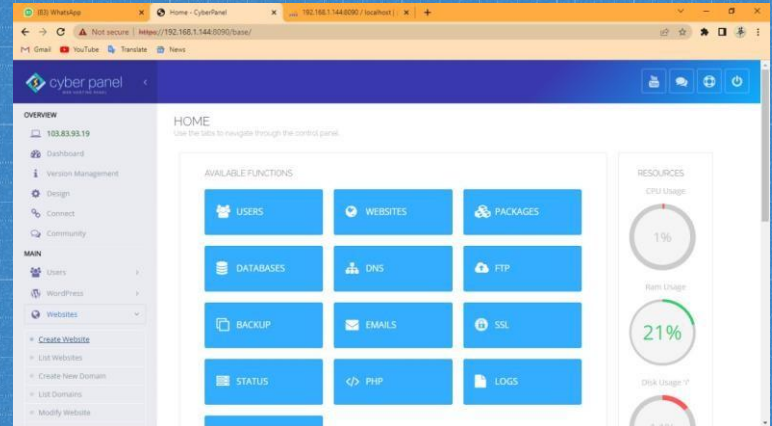




# Debian, Ubuntu and Centos 7 Server Installation

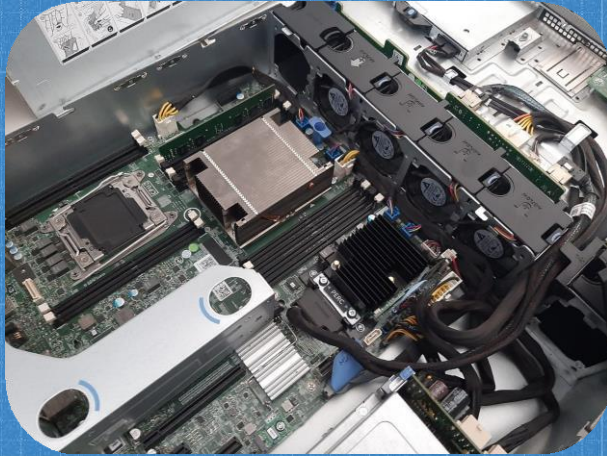


Installing  
Server with  
Linux  
Operating  
System  
included with  
Web Server,  
DNS Server,  
SSH, FTP and  
MySQL Server  
And Cyberpanel  
for Hosting  
Server





# Building PC Hardware



Upgrading RAM, Change Storage Drive,  
thermal pasting, and more Computer  
Hardware Installation



# Building PC Hardware



Network Troubleshooting, Maintenance  
and Installation







# 2

## GAME DEVELOPMENT



Everybody loves Game!  
Makes everyone happy is  
my passion too! :D





Metaverse will be really happened in the future.  
We're preparing for it!



I got opportunity to learn Game Dev with Unreal Engine 5 provided by PT Carakan Sadhana Dirgantara at Brandoville Academy which very popular offline course to learn UE5 in Indonesia.

At the project, I am evolved in Backend and Programming Division. Thus, my main job is building feature and deploying game.



# Thanks !

## ANY QUESTIONS?

You can find me at:

IG : @mhmdaris15

Email : [muhammadaris1945@gmail.com](mailto:muhammadaris1945@gmail.com)

Github : <https://github.com/Mhmdaris15>

LinkedIn : <https://www.linkedin.com/in/muhammad-aris-septanugroho/>