



# My Portfolio

Various projects and activities that I have undertaken over the past four years (2020 to 2024)

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# Introduction

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I am so excited about electrical vehicle, ed-tech, and project management. I was involved in some organizations related to my enthusiasm and passion. I have a person who is enthusiastic, active, and hopefully about my project or activities. I am so excited to learn all that new stuff to improve my abilities.

## About Me

I am an agile person, a hard worker, diligent, thirsty to learn all about new things, and able to adapt to changes quickly. To summarize I am ready with full of enthusiasm for the next journey. Each works hard and prepares me every single day, it's not useless in the end.

## About Portfolio

This portfolio is composed of descriptions of project and activity experiences, including TEDxUII, PKM, Sahin EV, Gatotkaca Unisi, and Ajak Gerak.





# About Me

## Education



**Bachelor of Engineering (S.T.) | Expected Graduation Date: July 2024**

Electrical Engineering - Universitas Islam Indonesia

Elective subjects: Power Electronic, Electrical Energy Conversion, Antenna & Propagation, Smart Grid System, and PLC & Scada.

GPA: 3.78/4.00 (142 SKS)

# Experiences

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01. **Licensee** at TEDxUII



02. **Project Manager** at Sahin EV



03. **Project Manager** at Gatotkaca Unisi

04. **RnD Manager** at Ajak Gerak



**TEDxUII**  
x = independently organized TED event

**June 22, 2024**  
9:00am - 4:00pm WIB  
(UTC +7hrs)

**Sieman, Yogyakarta**  
Indonesia

This event is open to the public.

In the spirit of ideas worth spreading, TEDx is a program of local, self-organized events that bring people together to share a TED-like experience. At a TEDx event, TEDTalks video and live speakers combine to spark deep discussion and connection in a small group. These local, self-organized events are branded TEDx, where x = independently organized TED event. The TED Conference provides general guidance for the TEDx program, but individual TEDx events are self-organized (subject to certain rules and regulations).

Universitas Islam Indonesia  
Sardjito Building  
Sieman, Yogyakarta, 55584  
Indonesia

Event type: University [\(What is this?\)](#)

[See more TEDxUII events](#)

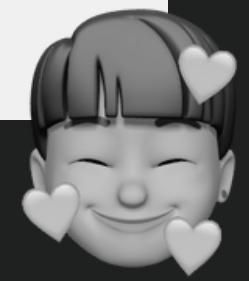
Organizing team



# TEDxUII

TEDxUII is an independently arranged TEDx event, built on concern, to unleash new ideas, inspire, and inform by creating a unique gathering in our community; UII Yogyakarta

- Responsible to ensure the whole TEDxUII 2.0 organizing process align with TED organizer regulations and procedures
- Organized 9 divisions consist of 85 people across event, curator, public relation, operation, creative marketing, sponsorship, fundraising, website, and human resources.
- Solved UII students' problem for not having an adequate platform for self-development by creating a TEDx event.





# Sahin EV

Sahin EV is a research team for electric motorcycles that participated in the PLN ICE 2023 competition. This team conducted research and produced the Dust Electric Motorcycle, where all the main parts were created by students from the Electrical Engineering Department of UII.

- Develop project plans, set goals, schedules, and resource allocations, monitor progress, and manage risks.
- Lead and coordinate the team, ensure roles and responsibilities are understood, and maintain effective communication among team members and stakeholders.
- Ensure the production of the Dust Electric Motorcycle meets quality standards, oversee the production process, and ensure the final product meets technical specifications and the requirements of the PLN ICE 2023 competition.

## Results:

- Sahin EV achieved 2nd Place at PLN ICE 2023
- Best Presentation for Local Content Level (TKDN)
- Best Business Plan Presentation

## Skill:

- Project Management
- Business Development



# Gatotkaca Unisi

Gatotkaca Unisi is a delegation team of Universitas Islam Indonesia to compete in Kontes Mobil Hemat Eergi (KMHE) and Shell Eco Marathon.

- Leading a total of 11 peoples divided into 3 divisions (Administration & Finance, Sponsorship & Public Relation, and Creative & Social Media)
- Planning project management, including setting deadlines, prioritizing tasks, and assigning team members to various deliverables
- Collaborating with technical department (Electrical, Design, Mechanical, & Programming) to define, prioritize, and develop projects
- Analyzing financial data, including project budgets, risks, and resource allocation
- Oversee the development of the project and ensure that team members are carrying out their tasks efficiently
- Speaker at the National Webinar on Re-Entering Energy 5.0 organized by LEM UII on January 30, 2023

## Big Projects:

- Shell Eco-Marathon Asia Pacific and the Middle East 2023
- Kontes Mobil Hemat Energi (KMHE) 2022
- Webinar Nasional EV 101
- Webinar Nasional RE 101
- Project Management Challenges (PMC) 2023 by PMI Indonesia Chapter

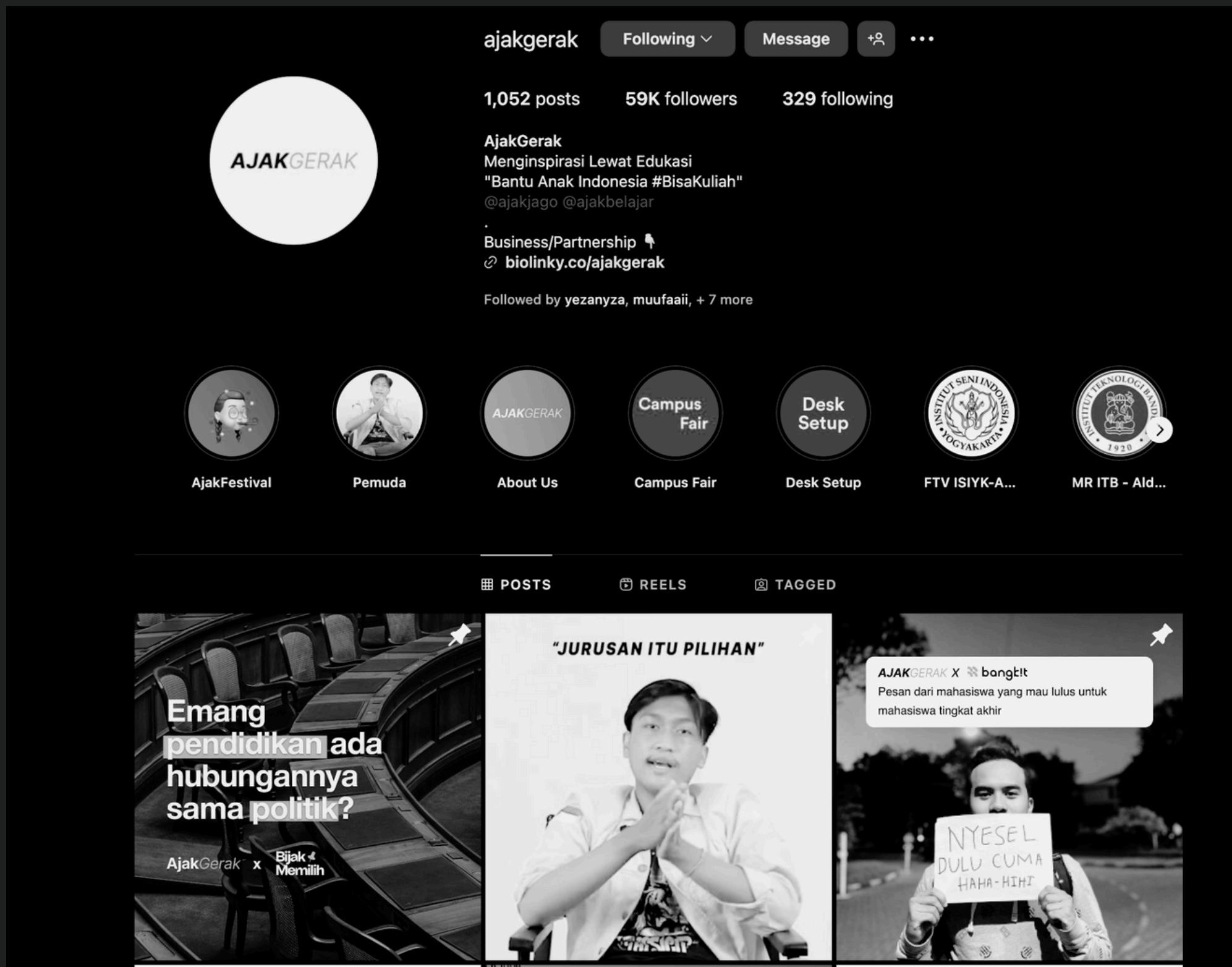
## Skill:

- Project Management
- Business Development



The graphic features the logo for GATOTKACA SRC UNISI in the top left. In the top right, there's a 'LIVE WEBINAR' button with a microphone icon. The main title 'WEBINAR NATIONAL RE 101 ENERGY REVOLUTION' is centered in large, bold letters. Below it, the subtitle 'ACCELERATING THE TRANSITION TO RENEWABLE ENERGY' and the tagline 'Let's take new step by join this webinar!!!' are displayed. Four circular profile pictures of speakers are shown: Zagy Berian (Opening Speech, Founder of SRE INDONESIA), Dr. Drs. Rohidin, S.H., M.Ag (Opening Speech, Wakil Rektor Bidang Kemahasiswaan, Keagamaan & Alumni UGM), Rachmawan Budiarso, Dr., Ir., G.P., IPU (Speaker 1, Dosen Teknik Fisika dan Teknik Nuklir UGM), and Immanuel Deo Silalahi (Speaker 2, UNESCO GEOPARKS President). Details for the event are listed: Tanggal 20 January 2024, Waktu 13:00 WIB - 16:00 WIB, and Tempat Zoom Meeting. A QR code for registration is provided, along with the URL <https://bit.ly/PendaftaranWebinarNationalRE101>. A 'FREE' badge is in the bottom right corner. Logos for SRC, SRE, and other sponsors like PT Pertamina and Shell are at the bottom.





# Ajak Gerak

Ajak Gerak is a platform that provides academic training and self-development services for high school students who want to continue their studies at dream colleges, especially those who don't have the facilities such as students in disadvantaged areas. So far, more than 200.000 students are benefiting from our programs.

- Developing Ajak Belajar Curriculum for preparing students for National Entrance Exam (UTBK)
- Analyze training needs for collaboration with NGOs, government, and other communities also searching and develop programs that needed for collaboration with other communities
- Developing and Executing Ajak Gerak Mandiri Bootcamp School 2022. Sekolah Bootcamp Mandiri Ajak Gerak is a program to prepare 12th graders and gap years for facing National University Independent Entrance Exam and helping those who cannot afford on having paid courses.

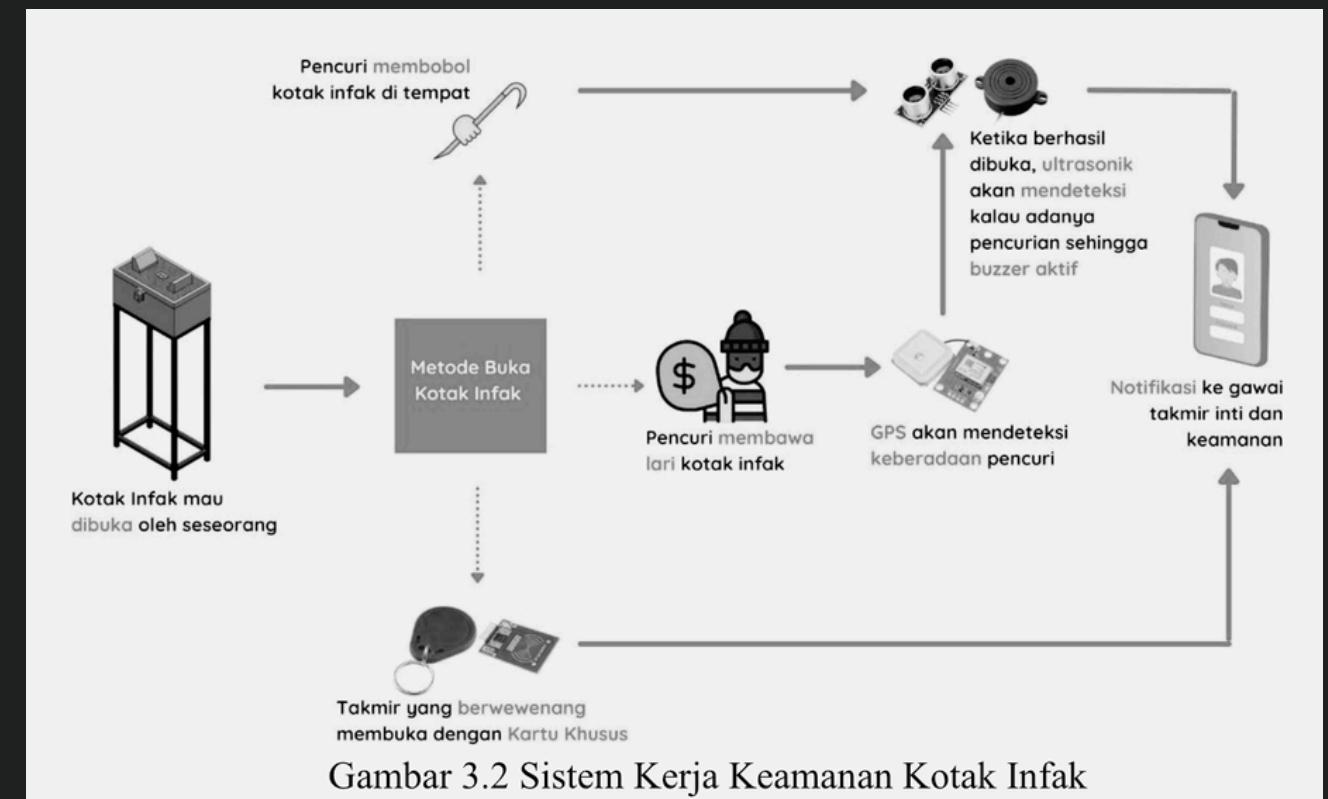
## Skills:

- Project Manager
- Research
- Presentation Skills

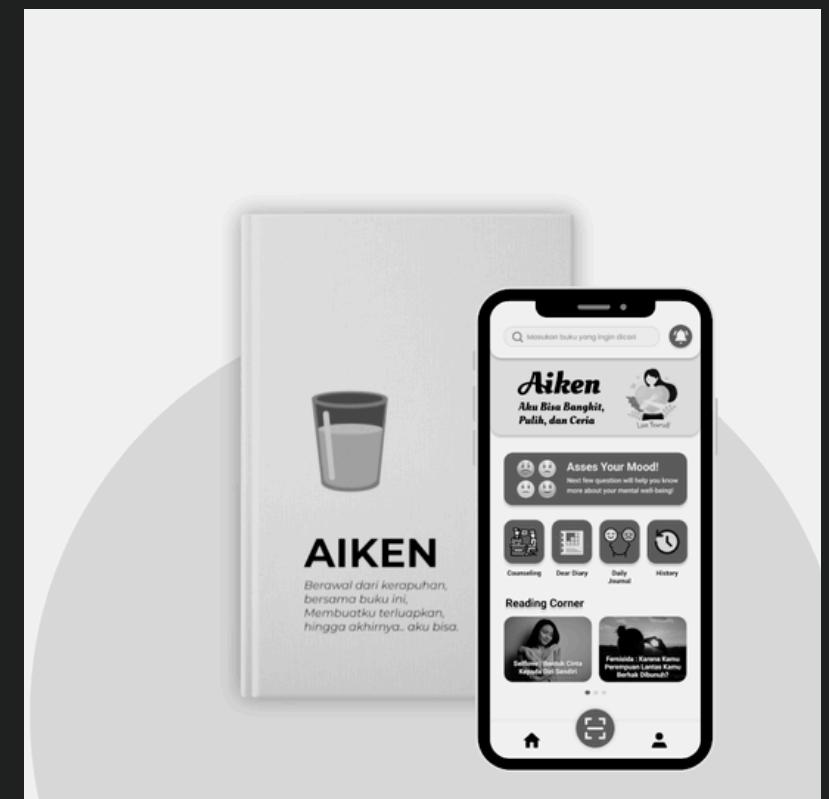
# PKM & PIMNAS PROJECT



Innovation of SMART KOS system based on IOT that can be controlled through based PWA  
as **Project Manager**



Implementation of IoT-Based Donation Box Security System at Al-Ikhlas Mosque  
as **Project Manager**



AIKEN: Integration of Expressive Journaling Books and Artificial Intelligence Apps as Interactive Therapy Media to Improve Adolescent Mental Health Quality  
as **Team Leader**

# Summary of Campus Activities



Human Research Staff  
2022 - 2023



Project Manager  
2022 - 2024



Head of Public Relation  
2023 - 2024



Head of RnD  
2023 - 2024



PROGRAM STUDI  
TEKNIK ELEKTRO

Lecturer Assistant  
2021 - 2024



Licensee  
2024



RnD Manager      Project Manager  
2022                2023

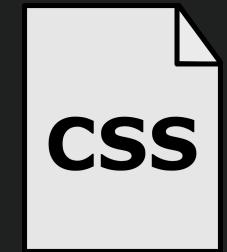


# Software Skills

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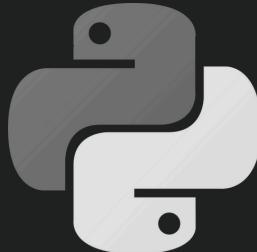
Intermediate



Intermediate

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Intermediate

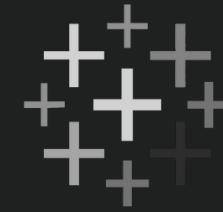


Experienced



Firebase

Basic

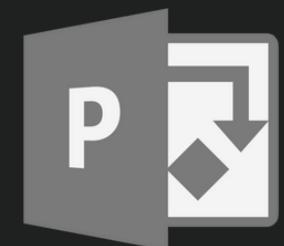


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Intermediate



Experienced

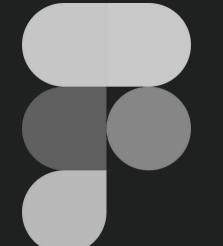


Experienced



Jira

Intermediate



Intermediate



# Documentations



# My Contact

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I am always enthusiastic about exploring new opportunities and collaborating with individuals or organizations that share similar visions and missions. Let's work together to create innovations and achieve greater goals. I look forward to the opportunity to communicate and collaborate with you.

 +62 813-6745-6861

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 [muhammaddirfaisall08@gmail.com](mailto:muhammaddirfaisall08@gmail.com)

# Thank You

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Thank you for your time and attention in reviewing my portfolio. I look forward to the possibility of a fruitful and successful collaboration in the future.

Best regards,  
**Muhammad Faisal**

