

MUHAMMAD FAISAL

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EXECUTIVE SUMMARY

I am so excited about electrical vehicles, ed-tech, project management, and product management. I was involved in some organizations related to my enthusiasm and passion. I have a person who is enthusiastic, active, and hopeful about my project or activities. I am so excited to learn new things to improve my abilities. I am an agile person, a hard worker, diligent, thirsty to learn all about new things, and able to adapt to changes quickly. I am preparing and learning every day, and I believe that once again all of them will create or shape to embrace succeeding. To summarize, I am ready with full enthusiasm for the next journey. Each works hard and prepares me every single day, it's not useless in the end

EDUCATION

Universitas Islam Indonesia – Yogyakarta, Indonesia

Sept 2020 – July 2024

Electrical Engineering, Faculty of Industrial Technology

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

GPA: 3.78/4.00 (142 SKS)

International Islamic University Malaysia (IIUM) – Gombak, Malaysia

Oct 2021 – Oct 2021

Short Course on Introduction to Parallel Computing

This short course is organized by the Department of Electrical Engineering Universitas Islam Indonesia (UII), in collaboration with the Department of Mechatronics Kuliyah of Engineering International Islamic University Malaysia (IIUM) and Supported by Global Engagement Grant (GEG) UII 2021.

Lecturer: Prof. Dr. Teddy Surya Gunawan (International Islamic University Malaysia)

WORK EXPERIENCES

Gatotkaca Unisi – Yogyakarta, Indonesia

Senior Project Manager | Nontechnical Manager

Jan 2023 – Apr 2024

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

- Led 3 divisions, Finance & Administration, Creative & Social Media, and Sponsorship & Public Relation.
- Being responsible for all Gatotkaca Unisi Team's non-technical affairs.
- Speaker at the National Webinar on Re-Entering Energy 5.0 organized by LEM UII on January 30, 2023.
- As the Project Manager for the Shell Eco-Marathon Asia Pacific and the Middle East 2023 at the Mandalika Circuit, Indonesia.

Head of Project Management Division

Mar 2022 – Jan 2023

- Project: electrical car for Kontes Mobil Hemat Energi (KMHE) 2022 and Webinar Nasional EV 101 Season 1.
- Collaborating with other department leaders to define, prioritize, and develop projects.
- Planning project management, including setting deadlines, prioritizing tasks, and assigning team members to various deliverables.
- 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.

Program Studi Teknik Elektro UII – Yogyakarta, Indonesia

Assistant Lecturer & Laboratory Assistant

Sept 2021 – Jan 2024

- Laboratory Assistant of Control System (Sept 2023 - Jan 2024)
- Assistant Lecturer of Electromagnetic Field (Feb 2023 - June 2023)
- Assistant Lecturer of Mathematics I (Sept 2022 - Jan 2023)
- Laboratory Assistant of Physics II (Feb 2022 - June 2022)
- Assistant Lecturer of Physics I (Sept 2021 - Jan 2022)

Zenius – Jakarta, Indonesia

Quality Control Resource Update (Freelance)

Nov 2021 – Feb 2022

Zenius Education is the pioneer for Education Technology (EdTech) in Indonesia since 2004, founded by teachers passionate about learning, problem-solving, and establishing strong foundations on scientific thinking.

- Re-verify the quality of the product.
- Analyzing, monitoring, and checking the product.

ORGANIZATIONS

Himpunan Mahasiswa Islam (HMI) MPO FTI UII

Research & Development

Jan 2021 – Apr 2024

HMI is an Islamic-based student organization engaged in parchment and struggle. The purpose of the establishment of HMI is the development of Islamic students into Uilil Albab people who are also responsible for the realization of the order of society that Allah knows.

- Create a routine literacy program every week
- Person in charge of various scientific and technological studies programs
- Coordinator of community service at PPK ORMAWA and HMI FTI UII Road To PIMNAS 36

HONORS & AWARDS

Licensee TEDxUII, TED	International, 2024
2nd Winner of PLN ICE for the Design & Assembly of the DUST EV, PLN	National, 2023
PIMNAS 36 for PKM Pengabdian Masyarakat, Kemenristekdikti	National, 2023
Funded PKM Karya Inovatif (KI), Kemenristekdikti	National, 2023
Finalist Shell Eco-Marathon Asia Pacific & the Middle East, Shell	International, 2023
Finalist Top 10 Project Management Challenge, PMI Indonesia Chapter	National, 2023
Speaker at National Webinar on Re-Entering Energy 5.0, LEM UII	National, 2023

PROJECTS

AIKEN: Integration of Expressive Journaling Books and Artificial Intelligence Apps as Interactive Therapy Media to Improve Adolescent Mental Health Quality as Project Lead	Jan 2023 – Present
Automated Telescope Movement for Tracking Astronomical Objects Controllable via a Progressive Web App-Based Application as Developer	Aug 2023 – Jun 2024
Implementation of IoT-Based Donation Box Security System at Al-Ikhlas Mosque, Sorosutan as Project Lead	May – Dec 2023
Dust Electric Motorcycle UII as Project Manager	May – Nov 2023
Innovation of SMART KOS system based on Internet of Things that can be controlled through Progressive Web Apps-based Application as Project Manager	May – Nov 2023
Gatotkaca Proto 1.1 for Shell Eco-Marathon Asia Pacific & the Middle East as Project Manager	Jan 2023 – July 2023

ADDITIONAL INFORMATION

SKILLS

- Soft Skills: Communication, Team Building, Community Engagement
- Hard Skills: Power Electrical, Project Management, Product Management, Business Analysis, Production Planning & Inventory Control, UI/UX
- Language: Bahasa (Native Professional Proficiency) & English (Limited Working Proficiency)