

# Aden Zulfalia Taufik

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## PROFESSIONAL SUMMARY

Bachelor of Electrical Engineering graduate from Telkom University Surabaya with various academic and organizational experiences. Passionate about learning new things, detail-oriented, and aspiring to work in transmission, electrical systems, engineering, maintenance, as well as information and communication technology. Possesses fundamental knowledge of electrical engineering, programming skills, analytical and administrative abilities, and strong teamwork communication. Ready to contribute positively and add value to the company.

## EDUCATION

Telkom University Surabaya  
Bachelor of Electrical Engineering

September 2021 – February 2025

- GPA 3.58/4.00
- Thesis Title: Monitoring and Filtration of Water Quality in Catfish Ponds Using the Fuzzy Tsukamoto Method

## WORK EXPERIENCE

### Orsted Education Consultant

August 2025 – Present

Tutor – Part Time

- Responsible for teaching activities in three different schools using learning approaches tailored to students' characteristics
- Teaching students aged 7–13 basic electronics, microcontrollers, robotics, and ICT
- Developed project-based learning modules

### PT. PLN (Persero)

July 2024 - August 2024

Operation – Internship Staff

- Conducted daily, monthly, and annual substation equipment inspections
- Observed physical conditions of substation equipment
- Recorded and monitored equipment conditions through visual inspections to ensure reliability
- Assisted in electrical equipment maintenance processes

### Program Kreativitas Mahasiswa (PKM) KC

March 2022 – October 2022

Team Leader

- Designed ideas and proposals for the student creativity program
- Coordinated task distribution and work duration for two team members
- Developed a prototype proposal and output report funded by LLDIKTI with IDR 6,500,000

### Himpunan Mahasiswa Elektro

January 2023 – March 2024

Secretary

- Organized monthly meetings and work program schedules
- Compiled meeting reports and official letters for relevant parties
- Managed attendance records for event participants
- Assisted in evaluating ongoing and completed work programs

### Research Electric Vehicle Telkom University

February 2022 – January 2024

Non-Technical Coordinator

- Prepared budget plans for four simultaneous projects
- Managed the research Instagram account and increased followers by 20%
- Participated in research on Fin Komodo, electric motorcycles, solar panels, and electric trucks

## SKILLS

- Software & Technical Skills :** Microsoft Word, Microsoft Power Point, Microsoft Excel
- Electronics/Electrical Applications:** Multisim, Proteus, Matlab
- Programming Applications :** Arduino, Firebase, Kodular, Visual Studio Code
- Graphic Design Application:** Canva
- Personal Skills :** Leadership, Teamwork, Communication, Analytical Thinking

## ACHIEVEMENTS

- COMPLETE Scholarship (Computer, Telecommunication, Electrical) — September 2021
- Outstanding Community Service Award from the Minister of Social Affairs of the Republic of Indonesia — May 2023
- Simple Patent: Floating Net Cage Equipped with Water Filter — April 2024
- Speaker at International Conference with paper titled “Water Quality Monitoring in Catfish Pond Using Fuzzy Inference System and Internet of Things” at Institut Teknologi Sepuluh Nopember — May 2025