

Muhammad Fathur Riziq

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EXECUTIVE SUMMARY

I am a 5th semester student in the Telecommunication Systems Study Program at Universitas Pendidikan Indonesia. I have a strong interest in telecommunication engineering, supported by relevant coursework and hands-on experience. My expertise includes telecommunication network design and maintenance, equipment installation, and project management. With a strong passion for learning and excellent teamwork abilities, I am very excited to apply my knowledge and skills to the professional world.

EDUCATION

UNIVERSITAS PENDIDIKAN INDONESIA

Sep 2022 – Present

Undergraduate in Telecommunication System

- Cumulative GPA: 3.74/4.00
- Relevant Coursework: Broadband Networks and Optical Communication, Switching Techniques, Telecommunication Networks, Data Signal Processing, Telecommunication Electronics, Network Device Simulation and Programming, Cloud Computing and Consulting Project
- Received an A in the Consulting Project course with the output of creating a website for Puskesmas Koncara
- Received an A- in the Internet of Things course with the output of creating an Smart Irrigation.

ORGANIZATIONAL EXPERIENCES

Himpunan Mahasiswa Sistem Telekomunikasi – Universitas Pendidikan Indonesia

Jan 2024 – Nov 2024

Head of External Department

- Introduce and Establish connections between HMST and student organizations from other universities. Successfully conducted 2 comparative study visits within a single period, which were attended by 100+ people and Bukber Event which was attended by student associations from universities in Purwakarta, Subang, and Karawang.
- Provide and share knowledge on political topics as well as discuss current and trending issues. Successfully organized offline events that were attended by 70+ participants, and has also been actively posting on social media to share their opinions and insights on various relevant issues
- Visiting student associations in other universities, as well as welcoming guests who come to HMST. Successfully visited 4 universities to conduct friendly meetings and foster closer relationships.

Juru Bicara Warga - Indonesia

Oct 2023 – Present

Spokesperson for citizens of West Java

- Gathering the aspirations of the people of West Java Province to be conveyed to the government of West Java Province.
- Conducting socialization for the people of West Java Province regarding the 2024 General Election and Regional Election.
- Successfully organizing the Caleg Fest 2023 General Election and Pilkada Fest 2024 events.

Google Developer Students Clubs, Universitas Pendidikan Indonesia

Oct 2023 – Present

Member

- Attended training sessions and workshops to develop and enhance technical skills and competencies.

- Developed new and innovative ideas for projects, brainstorming and conceptualizing creative solutions and initiatives to be explored and implemented by the club, alongside 1000+ community members.
- Exchanged knowledge and insights with fellow club members to foster collaboration and broaden the learning environment and thinking capacity.

Youth Ranger Indonesia, Indonesia

Aug 2023 – Present

Member

- Collaborated with a diverse group of members to brainstorm and implement solutions addressing pressing environmental issues.
- Engaged in workshops and training sessions to develop leadership and advocacy skills, fostering personal growth and contribution to organizational goals.
- Contributed to campaigns and events aimed at inspiring youth involvement in environmental sustainability.

ACHIEVEMENTS AND OTHER EXPERIENCE

(Achievement) Finalist of the Outstanding Student at Universitas Pendidikan Indonesia (2024)

"At the university level, I competed with representatives from 8 faculties and 5 regional campuses, presenting my creative idea, SOLiN: Internet Innovation for Remote Areas. This achievement highlights my ability to compete at the university level with an innovative idea that has a significant impact."

(Achievement) 2nd Place in the Outstanding Student at Faculty/Campus Level of UPI Purwakarta (2024)

"At the Faculty/Campus level of UPI Purwakarta, I competed against representatives from 5 study programs, securing 2nd place with my innovative idea, SOLiN: Internet Innovation for Remote Areas. Which led me to represent the faculty in the university level competition."

(Achievements) Finalis of the National Buseniss Competition by HIMANIS UNM (2024)

"In this competition, I presented MedIoT, an IoT-based healthcare solution aimed at improving the efficiency of healthcare services. I competed with participants from various universities across Indonesia, making it an opportunity to learn, collaborate, and develop an idea that can have a positive impact on society."

(Achievements) 3rd Place in the Outstanding Student at the Telecommunications Systems Study Program (2023)

"At the study program level, I competed against more than 15 participants from the Telecommunications Systems study program, securing 3rd place through my academic and non-academic achievements, and involvement in organizations. This accomplishment led me to represent the study program in the faculty/campus-level competition at UPI Purwakarta."

(Experience) Teaching Assistant in Telecommunications Network Course (2023)

"I assisted 60+ students in mastering the technical skill of crimping LAN cables with RJ45 connectors. In this role, I provided step-by-step guidance, ensuring each participant understood the process of cable stripping, color-coding, and the proper use of crimping tools. My focus was on correct practices and safety, while facilitating the theoretical understanding behind effective network configuration."

SKILLS

Software: Microsoft Office, Arduino, Fritzing, Auto-Cad, Matlab, Cisco.

Languages: Fluent in Indonesia, Intermediate in English

Technical Skills: Cloud Computing, Web Development, Internet of Things, Network Infrastructure.

Others: Leadership, Public Speaking, Time Management, Project Management, Problem Solving Work Individually or in a Team. Operate Fusion Splicer, Jointing and Terminate Fiber Optic Cable.