



TITIS WAHYUDI PUTRO

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Ambitious and motivated student of Internet Engineering Technology, currently in the 4th semester at Sekolah Vokasi UGM, with a keen interest in data, AI/ML, and cybersecurity. Eager to apply knowledge and skills to solve real-world challenges and contribute to innovative technological solutions. A quick learner, committed to personal and professional growth, with a strong drive to stay up-to-date with emerging trends in the tech industry.

Education Level

SMK Negeri 02 Karanganyar - Karanganyar

Jul 2018 - Jun 2021

Senior High School, 84.00/100.00

- Achieved a Competency Certificate in Software Engineering (RPL), Final Project: Developed an online store website using the Codelgniter framework, covering web development, database management, and programming fundamentals.

Universitas Gadjah Mada - Yogyakarta

Jul 2023 - Jul 2027 (Expected)

Bachelor of Internet Engineering Technology, 3.76/4.00

- Awarded Research Grant (DIKTI Funding) | Student Creativity Program - Entrepreneurship (PKM-K) | Gadjah Mada University
- MikroTik Certified Network Associate (MTCNA)
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- Long Jump Champion (1st Place) | Faculty-level Vocational Sports Competition
- Long Jump Runner-Up (2nd Place) | PORSENIGAMA (University-level Sports and Arts Competition) | Gadjah Mada University

Organisational Experience

Gamaforce - Yogyakarta

Nov 2023 - Nov 2024

Staff Media

Gadjah Mada Flying Object Research Center (GAMAFORCE) is Universitas Gadjah Mada flying robot team engaged in research and development of Unmanned Aerial Vehicles (UAVs).

- Developed and executed visual branding strategies for events and initiatives, ensuring consistent and impactful promotional materials.
- Designed engaging Instagram feed content, adhering to brand guidelines to enhance audience engagement and online presence.
- Created custom apparel (jackets, workshirts) that effectively conveyed brand identity and boosted team morale.

National Networking Competition (Netcomp) - Yogyakarta

Jun 2024 - Feb 2025

Vice Chairman

Netcomp is an event designed to provide understanding in the fields of cybersecurity and networking. This event aims to bridge the gap between education and industry, focusing on the development of practical skills.

- Provided technical support for live streaming operations, ensuring smooth broadcast delivery and troubleshooting on-the-fly issues.
- Collaborated with the IT team in the development and maintenance of WordPress-based websites, contributing to content management and basic site functionality.

Ramadhan Bersama Mardliyyah (RBM) - Yogyakarta

Dec 2024 - Apr 2025

IT Streaming staff

- Managed end-to-end live streaming operations for various mosque activities (e.g., religious sermons, special events, community gatherings).
- Set up and configured audio-visual equipment (cameras, microphones, mixers, encoders) to ensure high-quality broadcasts.

Forkom TRI - Yogyakarta

Mar 2024 - Apr 2025

Vice Chairman of IPTEK division

A student organization dedicated to fostering knowledge, skills, and networking among students in Internet Engineering Technology.

- Developed and managed a community forum website using WordPress, including theme customization, plugin integration, and content moderation. Planned and executed professional certification events for vocational high school (TKJ) teachers and lecturers across Indonesia

PKM-K (Entrepreneurship Program) - Yogyakarta

April 2024 - Jul 2024

Design and Marketing Team

- A student entrepreneurship project funded through the Student Creativity Program (PKM-K), focused on designing and promoting the proposed business concept.

Work Experiences

PT Sari Warna Asli Garment - Surakarta

Feb 2020 - Apr 2020

IT Support

PT SARI WARNA ASLI is a company engaged in the textile industry. PT Sari Warna Asli is part of the Sritex Group, which is headquartered in the city of Surakarta.

- Provided comprehensive IT support for a manufacturing environment, ensuring operational continuity of critical systems.
- Managed the installation, configuration, and troubleshooting of LAN infrastructure, including cabling, switches, and network connectivity for production lines and office areas.
- Performed maintenance and repair of various hardware, including desktop computers, laptops, and printers, ensuring minimal downtime.

Sekolah Vokasi UGM – Yogyakarta

Mar 2025 – Aug 2025

Public Relations

Part-time Public Relations (PR) & Content Editor | Vocational College, Gadjah Mada University | Yogyakarta, Indonesia

- Edited and refined various communication materials, including articles, press releases, and social media content, to ensure clarity, accuracy, and brand consistency for the Public Relations department.
- Contributed to the visual storytelling of the college by editing photos and videos for promotional campaigns and official publications.

Badan Pemeriksa Keuangan RI DIY- Yogyakarta

Jun 2025 – Aug 2025

IT Internship

Internship at IT Department | BPK RI Yogyakarta, Indonesia

- Developed and implemented a digital guestbook application using the Laravel framework to streamline visitor registration and data management.
- Designed and managed the database structure to ensure efficient data storage and retrieval.

Skills, Achievements & Other Experience

- **Achievements** (2024): MTCNA
- **Achievements** (2024): MTCRE
- **Achievements:** Awarded Research Grant (DIKTI Funding) | Student Creativity Program - Entrepreneurship (PKM-K) | Gadjah Mada University
- **Hard Skills** (2024): CCNA: Switching, Routing, and Wireless Essentials (Cisco)
- **Hard Skills** (2024): English for IT 1 (Cisco)
- **Hard Skills** (2024): English for IT 2 (Cisco)
- **Hard Skills** (2024): Operating System and Endpoint Security (Cisco)
- **Hard Skills** (2024): Introduction to IoT (Cisco)

Academic Projects Based

Database Project – MongoDB (2023)

Designed and implemented a database management system using MongoDB, focusing on data modeling, CRUD operations, and performance optimization.

SmartWaste – IoT & Python (2023)

Developed a waste monitoring prototype using Python and sensor data. Implemented real-time data collection and visualization through IoT integration.

Smart Water Billing System – IoT (2024)

Built an IoT-based water usage measurement system to automatically calculate billing. Integrated flow sensors, microcontrollers, and ThinkSpeak for real-time monitoring.

Flood Monitoring System – IoT (2025)

Designed and deployed an IoT solution for flood risk monitoring using water level sensors. Integrated with cloud dashboard for early warning and data analytics.