

TITIS WAHYUDI PUTRO

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LinkedIn — GitHub — Portfolio Website

Karanganyar, Central Java, Indonesia

Summary

Internet Engineering Technology student with hands-on experience in networking, IT support, and system operations, supported by CCNA, MikroTik, and Cisco CyberOps certifications. Demonstrated strong discipline and time management through balancing academic responsibilities with part-time and internship roles to independently support educational expenses. Motivated to grow in network and cybersecurity roles within professional environments.

Education

Universitas Gadjah Mada Yogyakarta
D4 Teknologi Rekayasa Internet Aug 2023 – Present
GPA: 3.71 / 4.00

Recipient of industry-recognized certifications (CCNA, MTCNA, MTCRE, Cisco CyberOps) and awardee of DIKTI-funded Student Creativity Program (PKM-K).

SMK Negeri 02 Karanganyar Karanganyar
Software Engineering Aug 2018 – Jun 2021
Final Score: 85 / 100

Skills

Networking: TCP/IP, LAN/WAN, Routing & Switching, Cisco Networking, MikroTik Configuration

Cybersecurity: Network Security Fundamentals, Endpoint Security, Security Monitoring (Basic), Access Control

Systems: Windows & Linux, IT Helpdesk Operations, Workstation Setup & Troubleshooting

Programming: Python, JavaScript, PHP, Golang, MySQL

Tools: Wireshark, Winbox, Cisco Packet Tracer, IoT, Docker, MQTT

Professional Experience

Assistant Laboratory – Basic Computer Engineering Lab (Part-time) Aug 2025 – Dec 2025
Sekolah Vokasi Universitas Gadjah Mada

- Supported 25 students per semester in hands-on computer engineering and system operation labs.
- Prepared, configured, and maintained lab workstations, networking devices, and peripherals to ensure zero disruption during practical sessions.
- Assisted in hardware, OS, and basic network troubleshooting, reducing lab downtime during sessions.

IT Intern Jun 2025 – Aug 2025
Badan Pemeriksa Keuangan RI (DIY)

- Supported internal IT systems in a regulated government environment, focusing on system reliability and access control.
- Developed a digital guestbook system with role-based access differentiation (admin, internal, and external users) to support basic access control and internal process requirements.

Assistant Laboratory – Telecommunication Engineering Lab (Part-time) Feb 2025 – Jun 2025
Sekolah Vokasi Universitas Gadjah Mada

- Supported laboratory sessions related to signal transmission, modulation, and networking fundamentals.
- Prepared and maintained laboratory equipment.
- Helped 15 students understand core networking and communication concepts through hands-on activities.

IT Support (Intern)
PT Sari Warna Asli Garment

Feb 2020 – Apr 2020

- Assisted with workstation setup, basic OS and application troubleshooting, and structured LAN cable installation.
- Supported day-to-day IT support tasks including printer, computer, and basic network connectivity troubleshooting.

Organizations

Vice Chairman Aug 2024 – Feb 2025
National Networking Competition (Netcomp)

- Coordinated a national-level networking competition; supported technical readiness and operations.
- Collaborated with the IT team to develop and maintain a WordPress-based event website.

Vice Chairman – Iptek Division Nov 2023 – Dec 2024
Forum Komunikasi Teknologi Rekayasa Internet (Forkom TRI)

- Led technology-focused programs and managed a WordPress-based community forum.
- Coordinated professional certification events for vocational high school 50 teachers and lecturers.

IT Staff Oct 2023 – Nov 2024
Gadjah Mada Flying Object Research Center (Gamaforce)

- Maintained and updated the official WordPress-based team website.
- Ensured website content accuracy and accessibility to support organizational needs.

Certifications

MikroTik Certified Network Associate (MTCNA), 2024

MikroTik Certified Routing Engineer (MTCRE), 2024

CCNA: Switching, Routing, and Wireless Essentials, Cisco, 2024

Cisco CyberOps Associate, 2025

Omada Certified Network Administrator (OCNA), TP-Link, 2025

Achievements & Projects

Awardee – Student Creativity Program (PKM-K) 2024
Recipient of national competitive funding by DIKTI; involved in proposal development, execution, and reporting (certificate)

SEED Labs – Network & Cybersecurity Practice 2025
Completed hands-on networking and cybersecurity laboratory exercises (repository)

Dockerized IoT Solar Panel Cleaner System 2025

- Built a full-stack IoT system by developing frontend and backend services, implementing backend-IoT communication using MQTT, and containerizing all components with Docker.
- Deployed and managed a multi-service application on a Linux environment with containerized service separation.

Languages

Bahasa Indonesia (Native) English (Intermediate) Japanese (Basic)