

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. Demonstrates strong discipline and time management through balancing academic responsibilities with part-time and internship roles while independently supporting educational expenses. Motivated to grow in network and cybersecurity roles within professional environments.

Education

Universitas Gadjah Mada

D4 Teknologi Rekayasa Internet

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).

Yogyakarta

Aug 2023 – Present

SMK Negeri 02 Karanganyar

Software Engineering

Final Score: 85 / 100

Karanganyar

Aug 2018 – Jun 2021

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, Docker, IoT, 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.
- Assisted in hardware, OS, and basic network troubleshooting, reducing lab downtime.

IT Intern

Jun 2025 – Aug 2025

Badan Pemeriksa Keuangan RI (DIY)

- Supported internal IT systems in a regulated government environment.
- Developed a digital guestbook system with role-based access control (admin, internal, external).

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 telecommunication laboratory equipment.
- Assisted students through hands-on activities.

IT Support (Intern)

Feb 2020 – Apr 2020

PT Sari Warna Asli Garment

- Assisted workstation setup, OS and application troubleshooting.
- Supported structured LAN cable installation.

- Handled basic printer, computer, and network connectivity issues.

Organizations

Vice Chairman

National Networking Competition (Netcomp)

Aug 2024 – Feb 2025

- Coordinated national-level networking competition.
- Supported technical readiness and event operations.
- Assisted in maintaining WordPress-based event website.

Vice Chairman – Iptek Division

Forum Komunikasi Teknologi Rekayasa Internet (Forkom TRI)

Nov 2023 – Dec 2024

- Led technology-focused programs and managed community website.
- Coordinated professional certification events for teachers and lecturers.

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

Network & Security Practice (SEED Labs)

2025

- Completed hands-on practical networking and cybersecurity exercises using SEED Labs.
- Practiced configuration and defensive monitoring techniques on simulated network environments.
- Explored real-world security tools, packet analysis, and network hardening tasks.

Solar Panel Cleaner IoT System

2025

- Built an IoT-based solar panel cleaning automation system integrating sensor data, backend logic, and dashboard interface.
- Implemented MQTT communication between sensors and controllers.
- Containerized backend components using Docker and deployed on Linux environments.

Private CI/CD Server Implementation (Network & DevOps Project)

2025

- Designed and implemented a private CI/CD server on an Ubuntu VPS.
- Deployed Gitea as a self-hosted Git repository server.
- Implemented webhook-based automation for deployment triggers.
- Configured NGINX as reverse proxy and web server.
- Integrated GoAccess for real-time log monitoring and analysis.

Languages

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