

Muhammad Razan Athaya Dradjat

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Bandung, Jawa Barat, Indonesia

EDUCATION

Bachelor degree in Informatics/Computer Science, Telkom University; 2023 – Present

- GPA: 3.54

EXPERIENCE

UO Space, Penetration Tester Intern; Jul 2026 – Present

- Conducted web application penetration testing against client-assigned targets, identifying security vulnerabilities across authentication, input validation, and session management layers.
- Documented findings and provided actionable remediation recommendations to support the client's security posture improvement

Informatics Lab Telkom University, Practicum Assistant; Sep 2025 - Present

- Assisted students during practical sessions on Programming Algorithm, Computer Networks, Database, and Programming Algorithm 2 topics, including sequence, loop, method, class, object, array, searching and sorting, network configuration, and database query design.
- Evaluated assignments and provided one-on-one guidance to help students understand challenging concepts and complete their final projects.
- Strengthened teaching abilities and deepened understanding of programming, networking, and database implementation through hands-on mentoring across multiple courses.

IoT Studio Laboratory Telkom University, IoT Security Research Group; Nov 2025 - Present

- Conducted research on IoT security vulnerabilities, focusing on network-layer threats and device-level exploits.

Multimedia Application, Big Data and Cybersecurity Laboratory Telkom University, Cybersecurity (Intern); Aug 2025 – Oct 2025

- Examined and contrasted two automated threat-mitigation methods in Software-Defined Networking (SDN) to assess their balance between rapid response and overall network stability.
- Designed an automated Python-based testing framework to evaluate critical performance indicators—such as latency, throughput, and resource overhead for both Immediate (Direct Blocking) and Gradual (Meter-Based) mitigation approaches.
- Wrote a scientific paper detailing the research results on adaptive intrusion prevention and introduced an enhanced security model aimed at improving resilience in modern network environments.

AI LAB Telkom University, Member; Oct 2024 – Present

- Member of the Telkom University AI Lab study group, focusing on developing AI and Machine Learning expertise while working collaboratively with peers to enhance skills and tackle programming challenges.
- Developed a computer vision model for the detection of birds is being carried out using the YOLOV5 model.

SKILLS

Programming Language: Python, Java, Javascript, C++, Go

Languages: Indonesia (native), English (conversational)

Frameworks & Tools : Next.js, YOLO, GNS3, Linux, Docker

Area of Expertise: Cybersecurity, Network Security, Machine Learning, Computer Vision

CERTIFICATION & TRAINING

IT Audit Training Class (Batch 3), Cisometric Academy; 2025 Sep – 2025 Des

- Executed end-to-end ISO 27001 audit simulations, managing the full lifecycle from developing audit plans and checklists to formulating professional reports and risk recommendations.

ISO/IEC 27001:2022 Lead Auditor, Mastermind; 2025 Des

- Mastered ISO/IEC 27001:2022 ISMS standards , covering the full audit lifecycle from planning and execution to reporting and follow-up.

Microsoft Certified: Azure AI Fundamentals, Microsoft; 2025 Nov

- Demonstrated fundamental knowledge of AI workloads, machine learning, and computer vision on Microsoft Azure.