

MUHAMMAD HALIM MUZAKKIR

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Yogyakarta, Indonesia

Pharmacist graduated cum laude with a strong interest and practical exposure in Analytical Development within the pharmaceutical, cosmetic, and herbal industries. Detail-oriented and analytical professional experienced in instrumental analysis, stability testing, and laboratory documentation in accordance with GMP, GLP, and pharmacopoeial standards through academic research and industrial internships. Skilled in analytical instruments including HPLC, UV-Vis, Fluorescence Spectrophotometry, Densitometry, Potentiometry, and Titration, with a strong commitment to data integrity and continuous laboratory quality improvement.

Work Experiences

Lembaga Biologi Vaksin AD - Bandung, Indonesia

Sep 2025 - Oct 2025

Pharmacist Intern

- Conducted comprehensive monitoring of product stability quality testing across multiple batches to ensure compliance with stability standards and shelf-life requirements.
- Ensured all QC procedures fully complied with company standards and GMP Annex 1 regulations.
- Collaborated with the QA team to execute comprehensive audits at PT Bio Farma, guaranteeing seamless alignment of production and quality control with GMP standards.
- Ensured documentation compliance and monitoring of critical process parameters during production cycles.

Cobra Dental - Yogyakarta, Indonesia

Jun, 2025

Pharmacist Intern

- Managed the entire distribution cycle of pharmaceuticals and medical devices, ensuring seamless compliance with GDP principles from procurement to final dispatch.
- Meticulously reviewed distribution documents and Certificates of Analysis (CoA), ensuring systematic and accurate data archiving for seamless traceability.
- Maintained product integrity through rigorous warehouse temperature monitoring and systematic inventory management utilizing FIFO and FEFO principles.

Universitas Ahmad Dahlan - Yogyakarta, Indonesia

Sep, 2024 - Des, 2024

Laboratory Assistant for Traditional Medicine Development

- Supervised undergraduate laboratory sessions, ensuring rigorous compliance with Good Laboratory Practices (GLP) and safety protocols.
- Led undergraduate students in instrumental analysis, effectively transferring technical knowledge and analytical reasoning for evaluating raw materials and finished goods utilizing HPLC, UV-Vis, Fluorescence Spectrophotometry, Densitometry, Potentiometry, and Titration.
- Guided the implementation of instrumental data and analytical methods, ensuring full compliance with USP and Farmakope Indonesia (FI) standards.

Universitas Ahmad Dahlan - Yogyakarta, Indonesia

Sep, 2024 - Feb, 2025

Microbiology Practicum Instructor

- Experienced in delivering onboarding training and evaluating performance outcomes for undergraduate students prior to microbiology lab operations, guaranteeing strict adherence to Good Laboratory Practices (GLP).
- Supervised the execution of training programs, guaranteeing that undergraduate students achieved necessary qualifications and operated in full alignment with GLP principles.
- Evaluated and verified all microbiology experimental documentation, ensuring absolute procedural accuracy, data integrity, and optimal GLP implementation.

Education

Universitas Ahmad Dahlan - Yogyakarta, Indonesia

Jan, 2025 - Apr, 2026

Pharmacist Professional Program, 3.88/4.00

- Honor: Cumlaude
- Professional Internship (PKPA):
Completing rotations in Industry (Lembaga Biologi Vaksin AD), Hospital (RSI Sultan Agung), and Distribution (PBF) with a focus on manufacturing, sterile preparations, and CDOB compliance.

Universitas Ahmad Dahlan - Yogyakarta, Indonesia

Sep, 2020 - Nov 2024

Bachelor of Pharmacy, 3.21/4.00

- Student Creativity Program (PKM):
Developed a flavonoid-based cosmetic serum from cucumber extract as an innovative formulation for under-eye treatment through a funded research project by Kemendikbudristek.
- Research on Ethnomedicine:
Ethnomedicinal study of hypertension within the Jelok Village community, Kaligesing, Purworejo, Central Java

Organization Experiences

Program Penguatan Kapasitsa Ormawa - Yogyakarta, Indonesia

Jun, 2023 - Nov, 2023

Vice Chairman

- Managed public relations initiatives within the student organization, effectively bridging communication and ensuring community needs were meticulously addressed.
- Initiated and structured community development programs, collaborating closely with cross-functional teams and village officials to drive problem-solving and unlock local potential."

Jaringan Mahasiswa Kesehatan Indonesia (JMKI) - Yogyakarta, Indonesia

Feb, 2022 - Feb, 2023

Head of Community Development Division

- Managed the structured deployment of work programs, ensuring strategic alignment with key targets to maximize operational outcomes.
- Demonstrated expertise in cross-functional leadership and team collaboration, driving the strategic planning and seamless completion of various work initiatives.

SEFARUAD - Yogyakarta, Indonesia

Feb, 2022 - Feb, 2023

Chairperson

- Accountable for managing team requirements, ensuring optimal resource allocation, and driving the successful execution of assigned tasks

Courses, Training and Certifications

CPOB & CPKB - TemanLab

2026

- Berfokus pada penerapan Quality Risk Management (QRM), Root Cause Analysis (RCA), dan Corrective and Preventive Action (CAPA) dalam penanganan deviasi proses produksi sesuai prinsip CPOB dan CPKB.
- Menguasai implementasi Good Documentation Practices (GDP) untuk memastikan ketertelusuran, akurasi, dan keandalan dokumentasi produksi serta pengendalian mutu.
- Memperoleh pemahaman teknis mengenai Cleaning Validation, persyaratan Cleanroom dan HVAC, strategi pengendalian kontaminasi, line clearance, serta kesiapan audit dan inspeksi internal maupun regulatori berdasarkan standar CPOB, CPKB, WHO, dan PIC/S

Quality Assurance (QA) & Quality Control (QC) - TemanLab

2026

- Berfokus pada dasar sistem Quality Assurance (QA) dan Quality Control (QC) di industri farmasi sesuai standar CPOB dan GMP.
- Memperoleh pemahaman mengenai proses inti QA/QC, termasuk penanganan deviasi, change control, CAPA, batch record review, serta in-process control untuk memastikan mutu, konsistensi, dan kepatuhan regulatori produk.
- Memperoleh pengetahuan teknis mengenai pengujian bahan baku, produk antara, dan produk jadi, praktik laboratorium, environmental monitoring, prinsip validasi, studi stabilitas, serta kesiapan audit dan inspeksi internal maupun regulatori.

Skills

Hard skills: Good Manufacturing Practice (GMP), Good Laboratory Practice (GLP), Data Analysis, QA Documentation, Batch Record Review, Quality Risk Management (QRM).

Soft skills: Effective Communication, Problem Solving, Detail-Oriented, Resilient, Proactive, Adaptability

Projects: Cosmetic Product Formulation Project: Development of flavonoid serum from cucumber extract for under-eye treatment following basic CPKB-oriented formulation principles.