

MUHAMMAD ISNAN KUSUMA

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Apothecary student at Universitas Gadjah Mada with strong interest in pharmaceutical industry and pharmaceutical production. Experienced in Quality Control-Document Control at PT Kalbe Farma, focusing on GMP, analytical testing procedure documentation, analytical method validation report, and stability studies in a GMP-regulated environment. Exposure to pharmaceutical and medical device distribution at PT Teknologi Medika Pratama (SwipeRx) with implementation of CDOB and CDAKB, strengthening expertise in compliance and supply chain quality systems. Also experienced in sterile pharmaceutical services at RSA UGM. Actively involved in several organizations, I have developed strong analytical, documentation, teamwork, and leadership skills. I am eager to pursue opportunities within the pharmaceutical industry and continuously expanding my professional expertise.

EDUCATION

Apothecary Profession, Gadjah Mada University (cGPA : 3.90/4.00)	August 2025 – August 2026 (Expected)
Bachelor of Pharmacy, Gadjah Mada University (GPA : 3.77/4.00)	August 2021 - May 2025

WORK EXPERIENCES

PT TEKNOLOGI MEDIKA PRATAMA (SwipeRx) Pharmacist Intern - Ensured compliance with CDOB and CDAKB requirements across pharmaceutical products and medical devices distribution activities. - Managed receiving, storage, inventory control, and stock monitoring using FEFO and FIFO principles to maintain product quality and inventory accuracy. - Conducted product verification, order review, packaging, and release processes in accordance with regulatory and operational requirements. - Maintained and reviewed distribution documentation, inventory records, invoices, and proof of delivery (POD) to support traceability and compliance. - Handled customer complaints and product returns following established quality management procedures. - Collaborated with warehouse, logistics, and quality teams to support compliant supply chain operations and continuous process improvement.	May 2026
PT KALBE FARMA TBK Pharmacist Intern - Quality Control (Document Control) - Developed a Quality Control testing cost database covering reagents, reference standards, microbiological testing, and cost calculations for 40+ pharmaceutical products. - Conducted gap analysis of analytical methods and specifications against Supplement IV of Indonesian Pharmacopoeia VI and R&D pilot specifications and analytical methods for 30+ raw materials to support regulatory compliance. - Revised 100+ raw material analytical testing procedures (PPA) by implementing approved change controls and updated documentation formats. - Prepared 8 analytical method validation (AMV) reports for microbiological testing, including microbial enumeration and specified microorganism tests in finished products. - Developed and updated analytical testing procedures (PPA) for raw materials and finished products covering physicochemical and microbiological testing. - Supported quality documentation activities related to analytical testing procedures, specifications, validation, and quality control procedures. - Contributed to case studies on post-marketing stability study design and laboratory instrument procurement requirements within a pharmaceutical quality system environment.	December 2025-January 2026
RUMAH SAKIT AKADEMIK (RSA) UGM Pharmacist Intern - Completed 50+ outpatient drug dispensing and counseling services per day - Complete 20+ prescription screenings and evaluate drug-related problems (DRPs) - Complete 1 case of therapeutic drug monitoring - Perform aseptic dispensing including IV admixture and total parenteral nutrition (TPN), as well as drug dispensing in the central surgical installation. - Conducted 8 bed visits, case studies, drug evaluation and monitoring activities, evaluated antibiotic use in the Obstetrics and Gynecology clinic over a 9-month period - Delivered health promotion programs on COPD. - Implemented pharmaceutical management activities covering drug planning, procurement, distribution, storage, and destruction - Evaluated pharmacy quality indicators for 9 months (January–September 2025). Internship (Sterile production unit) - Managed drug requests and pharmaceutical services in accordance with professional ethics and quality control standards, including therapeutic drug monitoring to optimize patient care. - Assisted in the preparation of medical devices and disposable materials for chemotherapy and intravenous admixture services, including the preparation of chemotherapy premedication infusion mixtures. Performed aseptic dispensing activities, including sterile compounding and repackaging (vitamin B1, dextrose, and sodium chloride infusions) - Monitored room temperature and humidity, managed incoming stock documentation using stock cards and storage using FIFO and FEFO principles to maintain product quality and inventory accuracy.	October 2025-November 2025 December 2024-September 2025

FACULTY OF PHARMACY, UNIVERSITAS GADJAH MADA

- Laboratory Assistant of Immunology Pharmacy** **August 2024-January 2025**
 - Weekly assisted and instructed 60+ students in conducting laboratory experiments and procedures, ensuring strict adherence to protocols, guidelines, and safety regulations.
 - Developed and delivered interactive learning activities in pharmaceutical immunology, covering lymphocyte and macrophage isolation, lymphocyte proliferation assays (MTT assay), macrophage phagocytosis assays, antibody quantification using ELISA, and protein analysis through Western blotting, while fostering an engaging and collaborative learning environment.
- Laboratory Assistant of Physical Pharmacy** **February 2024-July 2024**
 - Weekly assisted and instructed 60+ students in conducting laboratory experiments and procedures, ensuring strict adherence to protocols, guidelines, and safety regulations.
 - Developed and delivered interactive learning activities in physical pharmacy, including viscosity and rheology, solubility, specific gravity and density, and dispersed systems, to enhance student understanding of pharmaceutical physical properties and formulation principles.

ORGANIZATION EXPERIENCES

- KKN-PPM UGM Morodonorjo 2024 – Subunit Coordinator** **January 2024-December 2024**
 - Led a sub-unit of 8 members as a coordinator for KKN-PPM Universitas Gadjah Mada (Morodonorjo 2024), overseeing daily operations, team coordination, and program implementation.
 - Coordinated 40+ community development activities and achieved 100% completion of planned program targets through effective stakeholder engagement and project management.

- BEM KMFA 2023 – Student organization** **February 2023-February 2024**

A student executive organization at Faculty of Pharmacy.

 - Staff of social and community department**
 - Organized and executed 8 social and community service programs, including children's education initiatives, orphanage fundraising, blood donation drives, and medicinal plant management empowerment.
 - Achieved 100% completion of planned organizational programs through effective coordination and community engagement.
 - Chief executive of ‘Farmasi Berbagi’ (a social activities)**
 - Organized and coordinated a collaborative fundraising program between BEM KMFA UGM and LEM FKT UGM, leading 20+ committee members in program execution.
 - Raised IDR 3,000,000+ in donations, supporting 75+ children in orphanages through educational and welfare activities.
 - Coordinator of ‘TOGA’ (a program that focused on medicinal plants and it’s benefit to society)**
 - Organized and coordinated program activities including open volunteering, soil management for medicinal plants, and herbal medicine workshops involving 20+ participants.
 - Empowered a women farmer group of 20+ members through capacity-building and community-based agricultural activities.
 - Staff of event division of Aruna Sahwahita (a blood donors program)**
 - Conceptualized and coordinated a blood donation program in collaboration with BEM KMFA UGM and PMI Yogyakarta.
 - Successfully engaged 50+ participants, with all collected blood units handed over to PMI Yogyakarta

- PHARMACY YOUTH ACTION – Organization under BEMKM Farmasi**

An organization under BEM KM Pharmacy UGM that focusing on the social activities, especially education for children.

 - Vice Chairman** **March 2023-February 2024**
 - Organized and coordinated organizational activities with the chairman in a children’s education program in Sleman, involving 25+ members across four divisions (creative curriculum, administration, media, and logistics).
 - Successfully delivered 8 educational classes per period, with each session attended by 15+ children.
 - Administration staff** **March 2022-December 2022**
 - Managed internal and external administration, including data collection, correspondence, proposal development, and submission for organizational activities.
 - Handled documentation and reporting tasks, such as archiving incoming/outgoing mail, recapping attendance, and issuing member certificates, while coordinating division members to ensure effective task execution.

- 8th ICPAPS – International Conference on Pharmacy and Advanced Pharmaceutical Sciences** **November 2023**
 - Committee**
 - Served as committee member for Wilispita Jamu Expo, a herbal medicine workshop aimed at promoting knowledge on traditional herbal medicine preparation and its benefits for appetite and immune system enhancement.
 - Facilitated participation of 30+ children in interactive learning activities on herbal medicine making and health education.

- FARMASI CUP – Annual Sports Tournament and Concert, part of Pharmanesia** **June 2022-Desember 2022**
 - Logistic staff**
 - Prepared and managed all logistical requirements for events, including sports tournament and concert equipment setup.
 - Successfully coordinated and ensured smooth execution of tournament and concert operations through effective equipment management and event support.

TRAINING & COURSES

- Makin Ahli – Participant** **September 2025-Juli 2026**
 - Cara Pembuatan Obat yang Baik (CPOB)
 - Research and Development (R&D) in pharmaceutical industry
 - Corrective action and preventive action (CAPA) and root cause analysis in pharmaceutical industry
 - Quality control in pharmaceutical industry

SKILLS & INTERESTS

- Languages** : Bahasa Indonesia (Native Proficiency), English (Active)
- Computer** : Microsoft Office (Word, Excel, Power Point), Canva
- Skills** : Leadership - Time management - Strategic Thinking - Documentation
- Interests** : Production – Quality control – Quality assurance –Logistic