

apt. Fadli Mubaroq Nasution, S.Farm.

Professional Pharmacist | Aspiring Pharmaceutical Industry Professional
Indonesia | fadli27mubarak@gmail.com | +62 821-3017-4542 | linkedin.com/in/fadli-mubaroq-nasution

PROFESSIONAL SUMMARY

Professional pharmacist (GPA 4.00/4.00) from Universitas Sumatera Utara with a strong, hands-on track record across the pharmaceutical value chain - clinical pharmacy in hospital and community settings, GMP-based manufacturing quality, GDP-compliant distribution and pharmaceutical R&D. Proven ability to manage multi-unit pharmaceutical supply operations, support Quality Assurance and Quality Control initiatives for regulated products (including biological product), and translate laboratory research into scientific output. Recognized with two international-conference awards in 2024 and experienced in leading student organizations of 50+ members, combining technical competence with strong leadership and cross-functional collaboration skills.

CORE COMPETENCIES

Clinical & Community Pharmacy: Prescription review, medication therapy monitoring, drug use evaluation, sterile dispensing, patient counseling, self-medication counseling

Manufacturing & Production: GMP production floor operations, batch/production documentation, equipment & process qualification, automatic visual inspection line optimization, in-process control, production troubleshooting & root cause analysis

Quality & Compliance: Good Manufacturing Practice (GMP), Good Distribution Practice (GDP/CDOB), Good Traditional Medicine Manufacturing Practice (CPOTB), SOP development, root cause analysis, gap assessment, external audit readiness

Pharmaceutical Operations: Pharmaceutical inventory & supply chain management, cold chain / cold room thermal mapping, in-use stability studies, automatic visual inspection qualification

Research & Development: Drug delivery systems, transferosome formulation, natural-product extraction, laboratory instrumentation, scientific writing

Leadership & Soft Skills: Cross-functional teamwork, organizational leadership, project coordination, public health education, critical & analytical thinking

Tools & Software: UV-Vis Spectrophotometer, Microplate Reader, Microsoft Office 365, SPSS

EDUCATION

Pharmacist Professional Program Student — Universitas Sumatera Utara **Aug 2025 – Aug 2026**

- Current GPA: 4.00/4.00 — pursuing professional licensure (Apoteker) to practice as a registered pharmacist.

Bachelor of Pharmacy — Universitas Sumatera Utara **Jul 2021 – Mar 2025**

- Graduated with GPA 3.60/4.00, building a strong foundation in pharmaceutical sciences, medicinal chemistry, and clinical pharmacy practice.

PROFESSIONAL EXPERIENCE

Pharmacy Intern — Clinical & Hospital Pharmacy — Rumah Sakit Umum Pusat Fatmawati **Mar – Apr 2026**

- Managed pharmaceutical supply chains across 11 pharmacy units, overseeing preparation and distribution of medications, medical devices, and consumable medical supplies for both inpatient and outpatient services.
- Delivered clinical pharmacy services — from prescription review to sterile dispensing — across five outpatient care buildings, with a focus on medication therapy monitoring and drug use evaluation to improve patient safety.
- Collaborated with multidisciplinary healthcare teams during medical rehabilitation ward rounds, contributing pharmacist input to patient-centered care plans.

Production Intern — Biopharmaceutical Manufacturing — PT. Kalbio Global Medika **Jan – Feb 2026**

- Gained hands-on exposure to GMP-compliant biopharmaceutical production processes, applying root cause analysis, OEE analysis and structured problem-solving to resolve production-floor issues while coordinating closely with Quality Assurance, Quality Control, and Engineering departments.
- Led an automatic visual inspection optimization project on the production line, planning and executing challenge tests and equipment qualification activities to improve inspection accuracy and reduce defect-escape risk in finished-product output.
- Strengthened production compliance and equipment readiness by revising SOPs for cold room thermal mapping, maintaining cold room logbooks for temperature-sensitive production materials, and preparing gap assessment documentation ahead of external audits.

- Supported in-use stability studies for insulin products from a production standpoint, helping validate that manufacturing and storage conditions preserved product integrity and shelf life.
- Built working knowledge of end-to-end production operations — from process control and equipment qualification to batch documentation — within a regulated pharmaceutical manufacturing facility.

Pharmacy Intern — Community Pharmacy — *Kimia Farma Iskandar Muda Apotek* Nov 2025

- Drove multi-product sales initiatives that contributed to the pharmacy achieving the highest sales performance across the Kimia Farma North Sumatra region.
- Delivered community pharmacy services including pharmaceutical inventory management, clinical pharmacy support, and self-medication counseling for walk-in patients.
- Coordinated prescription confirmation with physicians, ensuring accurate dispensing and providing patients with clear drug information and counseling.

Pharmacy Intern — Primary Healthcare — *Puskesmas Kedai Durian* Oct 2025

- Managed pharmaceutical supplies and medical consumables (BMHP) to ensure uninterrupted service at a primary healthcare center.
- Supported public health education, free health screening activities, and Posyandu community health programs to expand pharmacist community engagement.
- Performed clinical pharmacy services covering prescription processing, dispensing, and patient drug information services.

Intern — Documentation & Distribution Compliance — *PT. Enseval Putera Megatrading, Tbk* Sep 2025

- Verified and documented invoices, purchase orders, and partner/customer records within a large-scale pharmaceutical distribution facility.
- Monitored compliance with Good Distribution Practice (CDOB) standards across drug storage, inventory receipt, distribution processes, and documentation archiving.

Research Intern (MBKM Programme) — *Badan Riset dan Inovasi Nasional (BRIN) RI* Aug – Dec 2024

- Conducted collaborative research with BRIN researchers on the development and optimization of transfersome-based drug delivery systems for topical applications "Development of Curcuma sp. and Citrus sp. Extract Formulation as Antibacterial and Immunomodulatory Agents."
- Performed formulation development and optimization of transfersomes, followed by incorporation into a hydrogel dosage form to obtain a characterized topical drug delivery product.
- Conducted comprehensive quality characterization and evaluation, including particle size and polydispersity index (PDI), zeta potential, morphological analysis, functional group identification using FTIR, and drug release testing.
- Performed compound profiling and analytical characterization using GC-MS and LC-MS/MS, supporting the identification and evaluation of active compounds in the formulation.
- Evaluated the biological performance of optimized formulations through antibacterial, antioxidant, and anti-inflammatory assays, and interpreted analytical results to assess formulation quality and performance.
- Applied laboratory procedures, analytical techniques, and systematic data interpretation to support quality evaluation, formulation optimization, and research-based decision making.

Community Service Volunteer — *Tanjung Morawa Social Services Agency* May – Nov 2023

- Designed and delivered a skills-training program, "Enhancing the Creativity of Youth, to build product-development capability among local youth."
- Trained over 50 youth participants in the production and application of essential-oil-based massage oil and lotion products.
- Monitored participant skill development and product quality over a one-month period against defined quality assurance standards.

Laboratory Teaching Assistant — Medicinal Chemistry — *Universitas Sumatera Utara* Feb 2023 – Jun 2025

- Supported more than 500 students across laboratory practicals, project-based learning activities, and practical examinations.
- Assisted lecturers in preparing teaching materials, laboratory instructions, and examination content.
- Facilitated six chemistry-related laboratory courses spanning Organic Chemistry, Drug Synthesis, Physical & Electrochemical Analysis, Food Analysis and Separation Technology, and Biochemistry.

ORGANIZATIONAL LEADERSHIP

Vice President — *Badan Eksekutif Mahasiswa Fakultas Farmasi USU* Feb 2024 – Mar 2025

- Led and coordinated 3 division coordinators, 9 departments, and 50 executive board members through regular strategic meetings on programs, events, and campus-wide issues.

- Directed major faculty events including WOJA (Workshop of Jamu), PKKMB (New Student Orientation), and PPLF (Primary Pharmaceutical Leadership Forum).
- Chaired the 2024 PKKMB organizing committee for the Faculty of Pharmacy USU, successfully building teamwork and engagement among incoming students.

President — *Himpunan Mahasiswa Farmasi Magna Consilium USU*

Nov 2023 – Feb 2024

- Built and maintained strategic collaboration with the National Association of Indonesian Pharmacy Student Senates (ISMAFARSI).
- Initiated the integration of the Faculty Student Government and Magna Consilium Pharmacy Student Association into a unified Student Executive Board, optimizing organizational management for the Faculty of Pharmacy.

Internal Secretary General Staff — *ISMAFARSI Bergelora*

Nov 2022 – Nov 2024

- Coordinated organizational members nationwide, strengthening communication across national, regional, and student executive levels.
- Organized nationwide networking events for ISMAFARSI executives, expanding professional relationships across Indonesia's pharmacy student community.

Department Head — *UKMI Ath-Thibb, Fakultas Farmasi USU*

Dec 2022 – Feb 2024

- Supervised active and passive members through regular character-development programs grounded in Islamic principles.
- Chaired TEKAD I (Temu Kader), a 2023 cadre-training event for new members of the Faculty of Pharmacy USU.

ACHIEVEMENTS

- 2nd Place Winner, Oral Presentation Competition — Medan International Conference on Biomedical Science (MICBS), USU, 2024
- 2nd Place Winner, Abstract Competition — Medan International Conference on Biomedical Science (MICBS), USU, 2024

SKILLS

Hard Skills: Good Manufacturing Practice (GMP), Good Distribution Practice (GDP), Good Traditional Medicine Manufacturing Practice (CPOTB), Packaging & Product Knowledge, Pharmaceutical Research & Development

Soft Skills: Leadership, Organizational Management, Communication, Cross-Functional Teamwork, Critical & Analytical Thinking

Tools / Software: UV-Vis Spectrophotometer, Microplate Reader, Microsoft Office 365, SPSS