



SYAMSINAR PANGGABEAN

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PROFESSIONAL SUMMARY

Licensed Pharmacist from Universitas Sumatera Utara with hands-on experience in pharmaceutical manufacturing, particularly in non-betalactam oral production. Achieved *UNGGUL* distinction in the UKMPPAI OSCE (Pharmaceutical Manufacturing), demonstrating strong competence in GMP/CPOB implementation, in-process control (IPC), CPP, and CQA monitoring. Experienced in batch record control, deviation handling, CAPA, TPM, and production efficiency improvement. Proven ability to reduce tablet press downtime by 20% and improve packaging efficiency by 15%. Detail-oriented, disciplined, and ready to work in shift-based manufacturing environments.

KEY SKILLS

- Technical: GMP/CPOB, Root Cause Analysis, HACCP Awareness, CAPA, QRM, Deviation & Change Control, Batch Record Control.
- Operational: IPC, CPP, CQA, OEE Calculation, Continuous Improvement, SOP Development, Production Planning Support (PPIC Collaboration).
- Soft Skills: Leadership, Communication, Team Collaboration, Problem Solving, Time Management, Innovation
- General Skills: Microsoft Office, SPSS, Canva
- Languages: Bahasa (Fluent), English (Good)

EDUCATION

Universitas Sumatera Utara – Medan, Indonesia

- Pharmacist Professional Program | GPA: 3.97 / 4.00 (2024 – 2025).
- Bachelor of Pharmacy | GPA: 3.37 / 4.00 (2020 – 2024).

PROFESSIONAL INTERNSHIP

PT Dankos Farma – East Jakarta | Internship, Non-Betalactam Oral Production (Mar–Apr 2025)

- Monitored and ensured compliance with Good Manufacturing Practices (GMP/CPOB) during production.
- Conducted and reviewed batch production records to ensure completeness, accuracy, and real-time data integrity.
- Gained hands-on exposure to tablet production machinery including mixer, granulator, dryer, and tablet press operations.
- Assisted in in-process control (IPC) and monitoring of CPP and CQA for tablet manufacturing.

- Reduced tablet press machine downtime by ~20% through targeted root cause analysis and CAPA implementation.
- Supported TPM and continuous improvement initiatives, increasing stripping machine efficiency by 15%.
- Assisted in documentation management including SOP, Deviation, CAPA, and Change Control.
- Coordinated with the logistics department in preparing and managing production materials to ensure smooth manufacturing operations.
- Supported KOMTEK performance improvement project, increasing departmental efficiency from 37% to 93% within one month.
- Received training on Sistem Jaminan Produk Halal (SJPH) implementation in pharmaceutical production.

RS Pendidikan USU Medan – Medan | Internship (Jan–Feb 2025)

- Managed 200+ drug and medical devices inventory, reducing stock discrepancies and ensuring patient safety.
- Provided clinical pharmacy services to 300+ patients, improving medication adherence and reducing prescribing errors by 10%.
- Conducted compounding and dispensing for solid, semi-solid, and liquid dosage forms for inpatient units.

PT Kimia Farma Pharmacy – Medan | Internship (Nov 2024)

- Handled 20+ prescriptions daily with 0 dispensing errors during internship, ensuring safe and accurate patient care.
- Improved patient satisfaction by providing self-medication guidance to 50+ visitors per week.

PT Indofarma Global Medika – Medan | Internship (Oct 2024)

- Ensured 100% GDP/CDOB compliance for narcotics, psychotropics, and cold-chain products during audit, avoiding potential regulatory penalties.
- Streamlined invoice documentation, reducing retrieval time for audits.

UPT Puskesmas Bromo – Medan | Internship (Sep 2024)

- Delivered health education sessions to 50+ community members, increasing awareness of rational drug use.
- Standardized drug storage and dispensing practices, reducing risk of medication errors by 20%.

ACHIEVEMENT

- Earned UNGGUL distinction in the UKMPPAI OSCE for Pharmaceutical Manufacturing, validating hands-on skills in production, quality assurance, and GMP compliance.
- Completed Good Manufacturing Practices (CPOB) professional training by Makin Ahli, enhancing pharmaceutical production competence, GMP compliance awareness, and documentation system understanding (Oct 2025).

- Enhanced primary packaging (stripping) machine efficiency by 15% through Stage I TPM activities, improving productivity and reducing defects (Mar–Apr 2025).
- Reduced tablet press machine downtime by ~20% through targeted root cause analysis and CAPA, significantly improving production efficiency (Mar–Apr 2025).
- Ensured 100% regulatory compliance in GDP/CDOB during Indofarma internship (Oct 2024).
- Led research project that reduced prescription waiting times at USU Teaching Hospital, improving patient care efficiency by ~25% (Jun 2024).

VOLUNTEER & ORGANIZATIONAL EXPERIENCE

- Volunteer, Free Cataract Surgery Program PT Agincourt Resources at RSUD Tapanuli Tengah – Assisted in coordination of patient flow and pharmaceutical logistics during mass cataract surgery program. Collaborated with medical staff to improve efficiency and patient care (Oct 2025).
- Volunteer, Rempah Muda Untuk Indonesia – Conducted cultural education program for 30 children (Sep 2024).
- Committee Member, Faculty of Pharmacy Anniversary – Coordinated event with 200+ participants (Nov 2023).
- Volunteer, GEPAMAS COVID-19 in ISMAFARSI (2020–2022).
- Leadership Development Program for Pharmacists (Mar 2021).