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PROFESSIONAL SUMMARY

Bachelor of Pharmacy graduate from Universitas Sumatera Utara (GPA 3.56/4.00), currently completing the Pharmacist Professional Program with a 4.00/4.00 GPA. Possesses three years of hands-on laboratory experience throughout undergraduate study, including one year as a Sterile Dosage Form Technology Laboratory Assistant (2024–2025). Experienced in Good Laboratory Practice (GLP), aseptic techniques, sterile dosage form laboratory procedures, and operating analytical instrumentation (Bio Safety Cabinet (BSC), autoclave, CO₂ incubator, Uv-Vis Spectrophotometry). During the industrial pharmacist internship at PT Otto Pharmaceutical Industries, gained direct exposure to sterile cephalosporin injection manufacturing, including Batch Processing Records (CPB), Batch Packaging Records (CKB), batch reconciliation, pre-production preparation, Environmental Monitoring data evaluation, and CAPA preparation based on deviation investigations. Also completed cross-functional exposure to Production, QA, QC, R&D, Regulatory Affairs, and Engineering. Well suited for Production, QA, QC, and R&D; roles, with strengths in documentation, CPOB/GMP compliance, laboratory practice, accuracy, and analytical thinking.

CORE QUALIFICATIONS

- Pharmacist Professional Program (Apoteker), Universitas Sumatera Utara** — expected completion August 2026; STRA-eligible (September 2026).
- Sterile Pharmaceutical Manufacturing Exposure** — gained direct exposure to sterile cephalosporin injection manufacturing during an industrial pharmacist internship, including pre-production preparation, Batch Processing Records (CPB), Batch Packaging Records (CKB), batch reconciliation, Environmental Monitoring data evaluation, and production-related documentation.
- CPOB/GMP Compliance & Documentation** — familiar with pharmaceutical manufacturing requirements, controlled documentation, batch records, deviation investigation, CAPA preparation, and quality-related procedures within a regulated manufacturing environment.
- Laboratory & Aseptic Practice** — three years of hands-on laboratory training throughout undergraduate study, including one year as a Sterile Dosage Form Technology Laboratory Assistant (2024–2025), with practical experience in GLP, aseptic technique, Bio Safety Cabinet (BSC), autoclave, CO₂ incubator, and sterile dosage-form procedures.
- Production Support & Process Discipline** — experienced in following SOPs, maintaining accurate documentation, performing laboratory and manufacturing-related activities with attention to detail, and working in accordance with established quality and safety requirements.
- Cross-Functional Pharmaceutical Exposure** — completed industrial exposure across Production, QA, QC, R&D, Regulatory Affairs, and Engineering, providing an integrated understanding of pharmaceutical manufacturing processes and interdepartmental coordination.
- Professional Strengths** — strong attention to detail, documentation accuracy, analytical thinking, compliance-oriented mindset, and ability to work systematically in a regulated pharmaceutical manufacturing environment.

EDUCATION

Universitas Sumatera Utara (USU) Medan, Indonesia <i>Pharmacist Professional Program (Apoteker)</i> Expected completion Aug 2026; STRA-eligible Sept 2026	2025-2026 (Expected) GPA 4.00/4.00
Universitas Sumatera Utara (USU) Medan, Indonesia <i>Bachelor of Pharmacy</i> Thesis: Cytotoxicity activity of Pirdot leaf (<i>Saurauia vulcani</i> Korth.) against MCF-7 breast cancer cells.	2021-2025 GPA 3.56 /4.00

RELEVANT PROFESSIONAL EXPERIENCE

PT Otto Pharmaceutical Industries | Bandung, Indonesia

5 Jan-27 Feb 2026

Pharmacist Intern – Production Department (Sterile Cephalosporin Injection)

- Assigned to sterile cephalosporin injection manufacturing and exposed to pre-production preparation and manufacturing activities within a CPOB-compliant environment.
- Handled and reviewed Batch Processing Records (CPB) as part of manufacturing documentation, with attention to proper completion and traceability.
- Handled Batch Packaging Records (CKB), gaining practical understanding of packaging documentation and batch traceability.
- Performed batch reconciliation and supported pre-production preparation, including documentation, area, and process readiness.
- Prepared CAPA (Corrective and Preventive Action) based on deviation-investigation findings as part of the pharmaceutical quality system.
- Evaluated Environmental Monitoring data for July–December 2025, including settle plate, swab test, and air-sampler results in critical Class A and B areas.
- Completed cross-functional induction across R&D, QC, QA, Regulatory Affairs, and Engineering to understand their roles within manufacturing and the quality system.
- Participated in rolling-station exposure across NBL (Non-Beta Lactam) Solid, Liquid, and Injection lines.

Sterile Dosage Form Technology Laboratory, Universitas Sumatera Utara | Medan, Indonesia

2024-2025

Laboratory Assistant

- Supported lecturers in preparing and supervising Sterile Dosage Form Technology laboratory sessions over two semesters, including preparation of materials, equipment, work areas, and practical procedures.
- Guided and supervised up to 150 students in aseptic techniques, Good Laboratory Practice (GLP), laboratory safety, and proper laboratory procedures, while ensuring adherence to established SOPs.
- Gained hands-on experience with sterile dosage-form and laboratory equipment, including Laminar Air Flow (LAF), Bio Safety Cabinet (BSC), autoclave, oven, pH meter, analytical balance, and desiccator.
- Performed practical activities related to sterile product preparation and packaging, including ampoule sealing, vacuum-based ampoule leak testing, manual vial crimping, and visual clarity inspection using black-and-white inspection backgrounds.
- Applied aseptic techniques, GLP principles, contamination-control practices, and laboratory SOPs throughout practical activities, with emphasis on accuracy, cleanliness, procedural consistency, and proper documentation.
- Developed broader QC and laboratory competencies through repeated undergraduate laboratory training, including pH testing, dosage-form weight determination, gravimetric moisture analysis, phytochemical screening, and crude-drug characterization.
- Maintained laboratory readiness and procedural consistency by ensuring the availability, cleanliness, and proper preparation of materials, equipment, and work areas before and during practical sessions.

Universitas Sumatera Utara | Medan, Indonesia

2024-2025

*Research/Thesis Project | Cytotoxicity activity of Pirdot leaf (*Saurauia vulcani* Korth.) against MCF-7 breast cancer cells.*

- Performed maceration extraction and sequential fractionation of Pirdot (*Saurauia vulcani* Korth.) leaves using n-hexane and ethyl acetate.
- Conducted cytotoxicity testing on MCF-7 breast cancer cells using the MTT assay and calculated IC50 values.
- Analyzed chemical profiles using LC-HRMS/MS to identify bioactive compounds, including oleanolic acid, ursolic acid, and quercetin.

ADDITIONAL RELEVANT EXPERIENCE

Rumah Sakit Pendidikan Prof. Dr. H. Chairuddin P. Lubis | Medan, Indonesia

2 Mar-30 Apr 2026

Pharmacist Intern

- Observed medicine distribution from the central warehouse to inpatient, outpatient, emergency, operating room, and chemotherapy units using UDD and floor stock.
- Reviewed procurement documents and inventory through SIMRS, including High Alert, LASA, and cold-chain products.

PT Marga Nusantara Jaya | Medan, Indonesia

3-28 Nov 2025

Pharmacist Intern

- Observed CDOB implementation across warehouse temperature/cleanliness monitoring, pallet placement, FEFO/FIFO, Purchase Order verification, and invoice grouping.

UPT Puskesmas Teladan | Medan, Indonesia

1-31 Oct 2025

Pharmacist Intern

- Managed medicine requests, utilization, and reporting through LPLPO, SELENA, and SIMBADA, with exposure to planning, storage, and distribution processes.
- Supported prescription assessment, drug information, counseling, and patient education in primary healthcare settings.

Apotek Gratia Farma 3 | Medan, Indonesia

5-30 Sep 2025

Pharmacist Intern

- Supported prescription services, more than 10 self-medication cases, Three Prime Questions, stock planning, and SIPNAP reporting.

TECHNICAL COMPETENCIES

- **CPOB/GMP & Manufacturing** — familiar with manufacturing documentation, CPB, CKB, batch reconciliation, deviation investigation, CAPA preparation, Environmental Monitoring, and In-Process Control (IPC).
- **Laboratory & Aseptic Practice** — hands-on experience in GLP, aseptic technique, LAF/BSC, autoclave, CO₂ incubator, pH testing, dosage-form weight determination, gravimetric moisture analysis, phytochemical screening, and crude-drug characterization.
- **Analytical & R&D** — practical experience with UV-Vis spectrophotometry, MTT assay, extraction, fractionation, LC-HRMS/MS interpretation, and bioactive-compound profiling.
- **Documentation & Data Handling** — experienced in batch documentation, record review, data evaluation, accuracy checking, and maintaining organized laboratory and manufacturing records.
- **Software & Digital Tools** — proficient in Microsoft Word, Excel, and PowerPoint; familiar with Canva, Ibis Paint, InShot, and CapCut.

PROFESSIONAL STRENGTHS & LANGUAGES

- **Strengths** — Detail-oriented · Responsible · Analytical thinking · Problem solving · Patient communication · Teamwork · Adaptability · Public speaking
- **Languages** — Indonesian (native) · English (intermediate)

SELECTED ACADEMIC/ORGANIZATIONAL ACTIVITIES

- International Summer Course of Pharmacy (ISCP), Faculty of Pharmacy USU — 2022 & 2023.
- International Seminar of Nanomedicine, Faculty of Pharmacy USU — 2022.
- Member, Intelligent and Competitive Pharmacy Student (INCOMPHASCO) — 2023–2025; Creative Design Division.
- Member, Ikatan Mahasiswa dan Alumni Kristen Farmasi USU — 2021–2025.
- Publication & Documentation Coordinator/member for several IMATENSI USU programs, including Christmas IMATENSI and IMATENSI Berbagi.