

Adria Basana Simatupang

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PROFILE

A result-oriented Pharmacist with hands-on experience in pharmaceutical Research and Development, formulation development, and regulatory documentation. Demonstrated experience in conducting pre-formulation studies using Quality by Design (QbD), executing formulation trials, evaluating In-Process Control (IPC) results, monitoring stability studies, and operating tablet compression and coating equipment. Equipped with profound knowledge of Good Manufacturing Practices (GMP/CPOB), Good Laboratory Practices (GLP), dosage-form evaluation, technical documentation, and product registration support. Able to work independently and as part of a team.

EDUCATION

Universitas Sumatera Utara

Medan, North Sumatra

Pharmacist Professional Education, Faculty of Pharmacy /Professional Degree

2024 – 2025

- GPA: 4.00/4.00

Universitas Sumatera Utara

Medan, North Sumatra

Department of Pharmacy, Faculty of Pharmacy/ Bachelor's Degree, S-1

2019 – 2023

- GPA: 3.27/4.00

WORK & INTERNSHIP EXPERIENCE

PT Pharos Indonesia

South Jakarta, DKI Jakarta

R&D Formulation Scientist

Apr 2026 – Aug 2026

- Conducted pre-formulation studies using Quality by Design (QbD) to assess material characteristics and formulation risks.
- Performed F1 and F2 formulation trials to support product development and formulation optimisation.
- Evaluated In-Process Control (IPC) results and product quality attributes against established specifications.
- Monitored stability studies and documented physical and chemical changes in pharmaceutical preparations.
- Operated tablet compression and coating machines according to laboratory and production procedures.
- Maintained formulation records, trial documentation, observations, and development reports accurately.

PT Pharos Indonesia

South Jakarta, DKI Jakarta

R&D New Product Development Intern

Jul 2025 – Sept 2025

- Reviewed and followed R&D SOPs to ensure laboratory activities complied with established procedures.
- Supported 2 product development projects through formulation studies, reformulation trials, F1–F2 production & product evaluation.
- Identified formulation issues and supported problem analysis and corrective actions to improve product performance.
- Conducted dosage-form evaluations and documented trial results for product development review.
- Applied CPOB/GMP and Good Laboratory Practices during laboratory activities, material handling, and documentation.
- Supported Regulatory Affairs by reviewing document discrepancies and preparing product registration documents.

Laboratorium Teknologi Sediaan Steril - Uniersitsa Sumatera Utara

Medan, North Sumatra

Laboratory Assistant

2022 – 2023

- Guided and demonstrated sterile dosage-form practicum activities for approximately 230 students per semester.
- Planned practicum schedules and coordinated formulations, assignments, assessments, and laboratory needs with lecturers.
- Prepared equipment, materials, modules, and pharmaceutical references to support safe and effective practicum sessions.
- Guided laboratory procedures based on ISO, MIMS, Indonesian Pharmacopoeia, USP, and the National Formulary.
- Supported the preparation and implementation of Objective Structured Clinical Examination (OSCE) assessments.
- Evaluated students' preparations and reports while applying CPOB/GMP, Good Laboratory Practices, hygiene, and safety standards.

ORGANIZATIONAL & COMMITTEE EXPERIENCE

OURNOTES

Medan, North Sumatra

Biology Tutor

2021

- Tutored more than 20 final-year high school students in understanding key biology concepts through structured learning activities.
- Prepared learning materials and practice questions based on students' academic needs and levels of understanding.
- Conducted regular evaluations to monitor learning progress, identify knowledge gaps, and adjust teaching approaches accordingly.

ACHIEVEMENTS, CERTIFICATION & TRAINING

- **Program/Achievement:** Pertukaran Mahasiswa Merdeka Indonesia (PMMI) Kampus Merdeka - Universitas Gorontalo | 2021
 - Built cross-cultural relationships with students from diverse regional and cultural backgrounds.
 - Expanded academic knowledge and adaptability through learning experiences in a different university environment.

SKILLS

- **Language:** Indonesian (Native), English (Intermediate)
- **Hard Skills:** Microsoft Office (Word, Excel, PowerPoint), G-Suite (Google Docs, Sheets, Slides), Pharmaceutical Research and Development, Formulation Development, Pre-formulation Studies, Quality by Design (QbD), Formulation Trials, Dosage Form Evaluation, In-Process Control (IPC), Stability Testing, GMP/CPOB, Good Laboratory Practices (GLP), Pharmaceutical Documentation, Regulatory Documentation, Tablet Compression, Tablet Coating, Quality Control
- **Soft Skills:** Discipline, Creative, Multitasking, Strategic Thinking, Problem-solving, Time Management, Attention to Detail.