

LUTHFIA NUR ICHSANI

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Summary

Pharmacist Professional Program graduate with hands-on experience in analytical development and quality, including dissolution testing, HPLC-based assay analysis, Out-of-Specification (OOS)/Out-of-Trend (OOT) trend analysis, and pharmacopeia compliance review (Farmakope Indonesia, USP, Ph. Eur.). Research background in ternary solid dispersion formulation focused on enhancing drug dissolution profiles. Analytical, detail-oriented with a strong foundation in laboratory instrumentation and technical documentation.

Education

Universitas Padjadjaran

Pharmacist Professional Program

Sumedang, Indonesia

August 2025 – August 2026

- GPA: 3.81
- Course: Masterclass on Training Cleaning Validation Lifecycle: Risk-Based Approach (Jadi Praktisi)

Universitas Padjadjaran

Bachelor Pharmacy

Sumedang, Indonesia

August 2021 – June 2025

- GPA: 3.77
- Thesis: "The Impact of Poloxamer 407 Addition on the Ritonavir–Eudragit L100 Amorphous Solid Dispersion System in Ternary Solid Dispersions on the Dissolution Profile of Ritonavir"
- Publications: 4 peer-reviewed articles/reviews on formulation, nanoparticles, and natural product characterization (2024–2025)

Experience

PT Meprofarm Pharmaceutical Industries

Pharmacist Intern

Bandung, Indonesia

March 2026 – April 2026

- Conducted risk assessment across multiple departments to identify potential risks, evaluate their impact, and support regulatory compliance and risk mitigation.
- Prepared deviation trend analysis reports for OOT/OOS test results.
- Conducted a comparative review of pH meter calibration methods based on requirements from Indonesian Pharmacopoeia (FI), United States Pharmacopeia (USP), and European Pharmacopoeia (Ph. Eur.).
- Developed a Standard Operating Procedure (SOP) for pH meter operation.
- Performed packaging material verification and sampling in accordance with established quality control procedures.
- Developed an infographic outlining the packaging procedure for toll-in products to facilitate understanding and standardized implementation of the process.
- Performed calibration of volumetric flasks according to established procedures.
- Participated in HVAC requalification activities for the cephalosporin production facility.

PT Medika Antapani

Pharmacist Intern

Bandung, Indonesia

February 2026

- Reviewed 75+ prescriptions to assess prescribing accuracy and identify potential medication errors.
- Conducted a retail pharmacy feasibility study covering site selection, target market analysis, inventory planning, and financial management.

Dinas Kesehatan Kota Bandung – UPTD Puskesmas Pagarsih

Pharmacist Intern

Bandung, Indonesia

January 2026

- Developed Corrective and Preventive Action (CAPA) plans to address inspection findings from Indonesia's National Agency of Drug and Food Control (BPOM) at community health centers (Puskesmas).
- Provided patient-centered pharmaceutical services to approximately 30 patients daily, including medication dispensing and drug information services.

RSUP Dr. Hasan Sadikin

Pharmacist Intern

Bandung, Indonesia

November 2025 – December 2025

- Conducted 75+ prescription reviews to ensure prescribing accuracy, identify potential medication-related problems, and minimize medication errors.
- Provided counseling to patients using special medical devices and those receiving polypharmacy or chronic disease therapy, promoting safe and appropriate medication use and treatment adherence.
- Performed Therapeutic Drug Monitoring (TDM) and monitored adverse drug reactions (ADRs) among patients at the outpatient chemotherapy unit and reported findings to the hospital's central data center.

Universitas Padjadjaran

Physical Pharmacy Laboratory Teaching Assistant

Sumedang, Indonesia

February 2025 – June 2025

- Guided 27 students during practical laboratory sessions, providing assistance and ensuring proper execution of assigned activities.
- Designed and graded quizzes to assess students' understanding and comprehension of course material.
- Developed and organized examination concepts and structures in collaboration with the instructor to support effective student assessment.

Universitas Padjadjaran

Research Assistant

Sumedang, Indonesia

July 2024 – December 2024

- Assisted in a research project focused on enhancing the solubility and dissolution profile of ritonavir through the development of a ternary solid dispersion system with Poloxamer 407 and PVP K30 using the solvent evaporation method.
- Performed FTIR analysis and interpreted externally tested XRD and DSC data for physicochemical characterization.
- Evaluated formulation performance through HPLC-based analysis, including entrapment efficiency, solubility, and dissolution testing, alongside physical stability testing.
- Conducted a comprehensive literature review on mesoporous silica nanoparticles as drug delivery nanocarriers, contributing to a co-authored scientific publication.
- Designed and developed scientific posters and infographics to effectively communicate research outcomes in academic presentation.

Universitas Padjadjaran

Technology and Formulation of Sterile Laboratory Teaching Assistant

Sumedang, Indonesia

August 2024 – December 2024

- Guided 25 students during sterile formulation experiments, providing technical assistance throughout practical sessions.
- Ensured proper preparation of equipment and materials and adherence to established aseptic techniques and procedures during laboratory activities.
- Designed and evaluated quizzes to assess students' understanding and support achievement of learning outcomes.

Universitas Padjadjaran

Biochemistry and Molecular Biology Laboratory Teaching Assistant

Sumedang, Indonesia

August 2023 – December 2023

- Guided 23 students during laboratory experiments, providing assistance and supervision throughout practical sessions.
- Prepared reagents, materials, and laboratory equipment to support the smooth execution of practical activities.
- Designed and graded quizzes to assess students' understanding and provide constructive feedback on their performance.

Leadership & Activities

Pharma Universitas Padjadjaran

Deputy Head of Community and Social Affairs

Sumedang, Indonesia

January 2023 – December 2023

- Implemented the "Sehari Nabung Seribu" (Daily Saving Program) over a 20-day period, ensuring the effective distribution of collected funds to designated beneficiaries.
- Organized the "Pharma Berinfaq Qurban" fundraising program and successfully distributed the collected funds through a trusted charitable organization.

Skills

- **Technical Skills:** Analytical Method Validation, Good Manufacturing Practice, Good Laboratory Practice, Literature Review, Risk Assessment, Regulatory Compliance, Documentation, Trend Analysis, SOP Development
- **Laboratory Techniques:** HPLC, FTIR, pH Meter, Dissolution Testing, Solubility Testing, Physical Stability Testing
- **Software:** Microsoft Office (Word, Excel, PowerPoint), Google Workspace (Docs, Sheets, Slides)
- **Soft Skills:** Analytical Thinking, Attention to Detail, Problem Solving, Communication, Teamwork, Adaptability
- **Languages:** Indonesian (Native), English (Intermediate)