

PUTRI RENGGANIS

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SUMMARY

A detail-oriented Pharmacist specializing in Production and Quality Control, with a strong foundation in formulation development, analytical R&D, and pharmaceutical quality systems. Demonstrated expertise in analytical method verification, physicochemical testing using HPLC and UV-Vis under strict GLP guidelines, and executing laboratory-scale formulation trials for various dosage forms during academic studies. Proven track record in preparing technical documentation for product registration and processing Change Control management. Hands-on research experience highlighted by a final project on the cocrystallization of Ticagrelor to optimize drug solubility and dissolution rates. Recently advanced technical capabilities through specialized training in biopharmaceutical dosage form formulation and process design, making me a highly adaptable professional dedicated to driving innovation in fast-paced pharmaceutical environments.

EDUCATION

Institut Teknologi Bandung

Bandung, Indonesia

Pharmacist Program (GPA 3.97/4.00)

Aug 2025 - Aug 2026

- **Major:** Production and Quality Control
- **Coursework:** Pharmaceutical Manufacturing Technology, Practical Industrial & Clinical Pharmacy, Quality Control & Assurance, Regulatory Affairs, CPOB, CDOB, Interprofessional Education

Bachelor of Pharmacy (GPA 3.75/4.00)

Aug 2021 - Jul 2025

- **Major:** Pharmaceutical Science and Technology
- **Coursework:** Pharmaceutical Technology, Liquid-Semisolid-Solid Dosage Formulation, Pharmacochemistry, Biochemistry, Biotechnology, Pharmacognosy, Phytochemistry, Halal Assurance System
- **Activities:** Ganesha Karya Awardee, Laboratory Assistant, ITB Social Projects, HMF 'Ars Praeparandi' ITB, Gamais ITB, Boulevard ITB
- **Thesis Title:** "Screening and Evaluation of Ticagrelor Multicomponent Crystals Using Dihydroxybenzoic Acids as Coformers via Solvent Evaporation Method"
Executed literature review, design of experiments, and laboratory-scale formulation to screen and evaluate multicomponent crystals, utilizing advanced analytical abilities and data reporting to solve critical solubility limitations for robust product development.

WORK EXPERIENCES

PT Imedco Djaja

Tangerang

Quality Control–Raw Material Intern

Mar - Apr 2026

- Assisted the reduced-testing project for incoming materials by auditing and reviewing 400+ raw material analysis reports and supplier CoA, balancing regulatory requirements with process optimization in quality operations.
- Actively engaged in quality risk management and change control documentation, developing a strong understanding of data integrity and supporting documents required for product development.
- Conducted extensive literature reviews and drafted study protocols for the stability testing of reference and working standards, ensuring the long-term reliability of analytical methods in the laboratory.
- Applied a deep understanding of GMP (CPOB) and GLP regulations to maintain drug product quality throughout the end-to-end quality control routine process before market release.

PT Kimia Farma Trading & Distribution (KFTD)

Tasikmalaya

Logistics Pharmacist Intern

Feb 2026

- Managed daily procurement and order preparation for 40+ supplier invoices, 5R aspects audit compliance, maintaining zero-loss inventory efficiency and seamless cold chain management.
- Participated in the implementation of CDOB regulations to ensure compliance, gaining exposure to end-to-end supply chain processes, inventory control, and the warehouse management system.
- Executed the annual performance qualification (PQ) of storage chillers to safeguard the stability of temperature-sensitive products under CDOB guidelines.

Balai Besar Pengawas Obat dan Makanan di Jakarta**Jakarta Timur***Drug & NAPZA Testing Laboratory Intern**Nov 2025*

- Executed analytical method verification and routine analysis on 30+ antimicrobial products through rigorous physicochemical testing (dissolution, assay, content uniformity) using HPLC and UV-Vis Spectrophotometry, achieving 100% compliance with FI VI 2020 & its supplements.
- Conducted reliable laboratory identification and assay testing via HPLC to detect counterfeit medications from BPOM seizures, applying Good Laboratory Practices (GLP) in daily operations.
- Performed analytical method verification and stability testing, applying strong analytical abilities for experimental data analysis under strict GLP guidelines.

PT Kalbe Farma, Tbk**Cikarang, Bekasi***Quality Control–Document Control Intern**Aug - Sep 2024*

- Drafted 30+ analytical methods and product specifications of Raw Materials, Packaging Materials, and Finished Goods aligned with R&D pilot analysis reports to ensure smooth analytical method transfer to commercial manufacturing and ensure strict alignment with current compendia.
- Prepared essential technical documents and conducted comprehensive gap analyses, gaining critical skills necessary for supporting product registration procedures with regulatory bodies.

Institut Teknologi Bandung**Bandung***Pharmaceutical Technology of Solid Dosage Form Laboratory Assistant**Feb - Jul 2025*

- Mentored 30+ students through solid dosage form technology modules (wet & dry granulation, direct compression, suppositories) to explain preformulation, formulation optimization, and process parameters.
- Demonstrated tablet machinery & instrumental analysis for In-Process Control (IPC) and finished product evaluations, including dissolution, hardness, friability, and disintegration testing.
- Evaluated the understanding and performance of the participants during the practical session, pre-test, and practicum report.

*Pharmaceutical Technology of Liquid-Semisolid Dosage Form Laboratory Assistant**Sep - Dec 2024*

- Assisted and guided 36 students through 6 modules on the preformulation, production, and evaluation of pharmaceutical liquid & semisolid dosage forms, supporting robust formulation.
- Managed laboratory workflows, fostered effective teamwork, and guided students in analyzing technical data to develop strong analytical and problem-solving capabilities in product formulation.

Others: Integrated Pharmacognosy, Physical Pharmacy, Pharmaceutical Botany, Basic Chemistry**ORGANIZATION EXPERIENCES****Himpunan Mahasiswa Farmasi (HMF) 'Ars Praeparandi' ITB***Head of Information Technology Department, BSO Pharmanova ITB**May 2023 - May 2024*

- Developed and optimized the Pharmanova ITB website (pharmanovaitb.com), enhancing the efficiency of participant registration and information access.
- Managed technical infrastructure and functionalities across various digital platforms (Zoom, Wix, e-ujian) to support cross-departmental operations.

Other activities: Community Service & Development Department, Vice Head of the Logistics Department of Panitia Wispril 2022, Appreciation and Personnel Management Department, etc.**ACHIEVEMENT***Pembangunan Jaya Scholarship Awardee in 2023–2025**1st Runner-Up of Sustainable Product Innovation Competition 2024 by PT AVO Innovation Technology**3rd Place in the National Scientific Paper Competition "Nutricomp 2024" by Universitas Airlangga**1st Place in the National Essay Competition at MICROSCOPE Competition 2023 by HMTLM Poltekkes Surabaya***SKILLS****Hard Skills:** cGMP (CPOB/CPOTB/CPKB), QMS, GLP, GDocP, Pharmaceutical Technology, Formulation Development, Analytical Method Verification/Validation, Transfer Method, Google Workspace, Microsoft Office (PIVOT, VLOOKUP), Canva, WIXsite**Laboratory Instruments:** HPLC, UV-Vis Spectrophotometry, Dissolution Tester, pH Meter, Viscometer, Friability Tester, Disintegration Tester, SDS-PAGE, etc.**Soft Skills:** Analytical Thinking, Problem Solving, Project Management, Proactive, Cross-Functional Coordination, Effective Communication, Leadership, Teamwork, Resilience, Eager to Learn, Adaptive