

RORO DYAH AYU CHANDRA KHIRANA

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Licensed pharmacist graduate with hands-on experience across multiple pharmaceutical sectors, including pharmaceutical industry, hospital, pharmacy, pharmaceutical distributor, and government institutions. Skilled in quality control, quality assurance, pharmaceutical services, and product formulation, with strong understanding of GMP/CPOB, HACCP, CDOB and other quality management systems. Experienced in research and innovation, demonstrated through achievements in national and international scientific competitions. Detail-oriented, adaptable, and committed to maintaining product quality, regulatory compliance, and continuous improvement in the pharmaceutical field.

EDUCATION

Apothecary Profession (GPA: 3.87)

Pancasila University | Jakarta, Indonesia

February 2025 – February 2026

- Silver Medal at the World Science, Environment and Engineering Competition 2025 (“Formulation of Nanoparticle Serum Spray with 70% Ethanol Extract of Pucuk Merah Leaves as an Antioxidant”).

Pharmacy (GPA: 3.02)

Bachelor’s Degree | Pancasila University | Jakarta, Indonesia

September 2020 – August 2024

- Released a publication titled “The Effectiveness of Sunscreen Cream with Ethanol Extract of Sungkai Leaves (*Peronema canescens* Jack)” (2024).
- Released a publication titled “Education on Detection of Dangerous Additives in Foods for Elementary School Students in Bogor” (Sinta 4) (2024)
- Silver Medal at the World Science, Environment and Engineering Competition 2024 (“Formulation of Cream with 96% Ethanol Sungkai Leaf Extract as Sunscreen”).
- Second Winner of the Innovation Research Creativity Competition Dies Natalis Universitas Pancasila 2023

EXPERIENCE

Advanced Pharmaceutical Industry Laboratory Assistant – Jakarta

Faculty of Pharmacy – Pancasila University

February – March 2026

- Guided 100+ students in laboratory practicums, including equipment use, data interpretation and evaluation reports.
- Prepared and reassured the readiness of equipment, material and analytical methods based on procedures (GLP).
- Reviewed 100+ practicum reports and provided constructive feedback on student submissions.

PT Mitsubishi Tanabe Pharma Indonesia – Bandung

Apothecary Internship

September – October 2025

- Operated and maintained analytical laboratory instruments, including HPLC, UV-Vis Spectrophotometer, and Dissolution Tester, to perform quality control testing of raw materials, in-process samples, and finished pharmaceutical products in accordance with Japanese Pharmacopoeia standards and approved analytical methods.
- Performed comprehensive physicochemical testing of pharmaceutical and wastewater systems, evaluating critical quality parameters such as BOD, COD, TSS, nitrogen, and phenol levels. Analysed and interpreted test results to ensure compliance with regulatory requirements and environmental standards.
- Prepared and qualified microbiological culture media (TSA, TSB) and conducted microbiological quality testing, including Total Plate Count (ALT), *Escherichia coli*, and *Salmonella* analysis on raw materials and finished products, ensuring compliance with GMP/CPOB requirements and microbiological quality standards.
- Supported In-Process Quality Control (IPQC) activities within the packaging department by monitoring critical process parameters and performing packaging integrity assessments, including leak testing, to ensure product quality, packaging reliability, and compliance with established specifications.
- Recorded, reviewed, and evaluated laboratory data and testing documentation to ensure data integrity, traceability, and adherence to GMP/CPOB and laboratory quality management system requirements.

Pelni Hospital – Jakarta

Apothecary Internship

August 2025

- Conducted clinical pharmacy services including dispensing, visitation, PTO, EPO, PIO and MESO to ensure the accuracy of therapy with services of 100-250 outpatient prescriptions, 50-150 inpatient prescriptions and 10-25 operating room prescriptions per day.
- Manage pharmaceutical logistics, medical devices, and cold chain products.

PBF PT United Dico Citas – Jakarta

Apothecary Internship

July 2025

- Operate the Axapta system for operational activities such as daily stock data recaps and legal customer data updates.
- Check and verify the suitability of temperature logger data with comparative measuring instruments to ensure the accuracy of temperature monitoring in cold chain product storage areas.
- Checked compliance of Good Distribution Practice implementation using a checklist for Pharmaceutical Wholesalers.

Apotek Atma Jaya – Jakarta

Apothecary Internship

June 2025

- Performed prescription screening, calculated medication requirements, prepared and compounded medications, created labels, and provided prescription-based drug information for 10+ prescriptions daily.
- Counsel patients on over the counter medication by identifying patient complaints, selecting rational medications, and providing accurate drug information to 10+ patients daily.
- Manage pharmaceutical supplies, medical devices and disposable medical devices in the form of planning, procurement, receipt, storage using FIFO-FEFO principles, distribution, recording stock cards and reporting on SIPNAP and SIMONA.

Suku Dinas Kesehatan Jakarta Selatan – Jakarta

Apothecary Internship

May 2025

- Making a Proof of Goods Out Letter (SBBK) based on the LPLPO which has been accumulated to the amount based on the request of each health facility.
- Verify pharmaceutical service facility data based on officer visit data on SIPNAP and SIMONA.
- Inputting tuberculosis drug expenditure data into the Tuberculosis Information System (SITB).

Pharmacology Toxicology Laboratory Assistant – Jakarta

Faculty of Pharmacy – Pancasila University

September – December 2024

September – December 2023

- Guided 200+ students pharmacology practicums, including explaining basic concepts, dosage calculations, and animal handling techniques according to procedures.
- Prepared and administered weekly tests for students on each practicum topic.
- Evaluate 200+ practicum participants through pre-/post-tests and report assessments to ensure understanding and accuracy of results.

SKILLS

- **Technical Skills** : Quality control & drug production (CPOB), drug distribution & storage (CDOB), clinical pharmacy services, pharmaceutical ethics compliance, pharmaceutical management & drug distribution, Microsoft 365 (Office, Excel, Powerpoint), Axapta.
- **Language Skills** : Indonesian (C2: Native), English (C2: Intermediate), Mandarin (A1: Beginner).
- **Interpersonal Skills** : Discipline, Responsible, Teamwork, Communicative, Detail-Oriented, Honest.