



ZERRA RIZKI AMALIA ILHAMSYAH

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Kota Bandung, Jawa Barat

I am a Pharmacist graduate from Universitas Padjadjaran with a strong interest in Production, Quality Assurance, and Product Development. I have experience in the manufacturing process and quality assurance, Change Control, HVAC in production room monitoring trend analysis, and production room qualification protocol development. I also have knowledge of Good Manufacturing Process (GMP) or CPOB, CDOB, and I understand the production process flow and the working mechanisms of production machinery, gained through my internship experience in production. I am a person with strong analytical skills, a high eagerness to learn, and the ability to communicate well with colleagues. I am driven and an effective team player.

Education Level

Universitas Padjadjaran - Sumedang, Indonesia

Aug 2025 - Aug 2026

Pharmacy Professional Education Program, 3.72/4.00

Universitas Padjadjaran - Sumedang, Indonesia

Jun 2021 - Jul 2025

Bachelor of Pharmacy, 3.33/4.00

- Research (2025) : Preparation and Characterization of Chitosan Nanoparticles Containing α -Mangostin and Vitamin C as Antioxidants
- Publication (2025): Effectiveness of Pharmacist-Led Intervention for Hepatitis C Patients - A Systematic Review
- 2nd Place Winner of Research and Development Competition Pharmacopeia (2024): Presented an R&D proposal on nano sunscreen technology as an innovative approach to enhance formulation performance.
- 2nd Place of Product Innovation Competition Pharmalation Universitas Lampung (2024): Designed and presented an innovative acne gel formulation based on pineapple waste as a sustainable raw material.
- 3rd Place Perfume Packaging Design Competition Pharmacopeia (2023): Designed and formulated a perfume product, including primary and secondary packaging, with an innovative and travel-friendly concept featuring a pyramid note composition.
- 1st Place of Skincare Packaging Design Competition Pharmacopeia (2022): Designed and formulated an innovative skincare product, including primary and secondary packaging, featuring a low-pH and environmentally friendly concept.
- Dean's List (2022): Achieved Dean's List recognition for consistently winning pharmacy competitions, with a total of 4 championship titles, particularly in the product innovation category.

Work Experiences

PT. Dankos Farma - Jakarta, Indonesia

Nov 2025 - Dec 2025

Production Pharmacist Internship - NBL Oral

- Conduct and document a gap analysis between the actual GMT tank cleaning procedure performed by operators and the written SOP, serving as justification for the cleaning holding time study to ensure compliance with GMP requirements.
- Developed 5 change control proposal documents to revise the SOP for personnel entry procedures in the non-beta-lactam production building, in accordance with GMP requirements.
- Developed trend analysis of HVAC critical parameters (temperature, RH, and differential pressure) across 68 production rooms, supporting continuous environmental monitoring in compliance with GMP requirements.
- Developed and implemented a digital master data system for Non-Beta Lactam products to improve data management efficiency.
- Create training and dissemination materials to support CAPA implementation, ensuring internal audit findings were effectively communicated across relevant teams.
- Review and design PQ and OQ protocols for a new production building, ensuring compliance with CPOB and ISO 14644 requirements.

PT. Bio Farma - Kota Bandung

Aug 2024 - Dec 2024

Quality Assurance Internship - QA Service

- Assisting in the evaluation and qualification process of raw material vendors to ensure compliance with regulatory and GMP requirements.
- Support quality review and documentation of raw material specifications and CoA verification with FI, USP, and EP.
- Compile and review vendor complaint records over a 2-year period as part of ongoing monitoring efforts to maintain product quality and support continuous vendor performance evaluation.
- Evaluate, Collect, and compile 1,000+ raw material data points in preparation for WHO audit readiness, supporting data accuracy and completeness for regulatory inspection purposes.
- Assisting technical preparations and document completeness for WHO audit readiness, supporting the compilation and organization of required records to meet regulatory inspection standards.
- Participate in monitoring and documentation of validation activities, including equipment and process validation.
- Collaborate with the QA team in maintaining quality compliance related to raw material handling and vendor management systems.

- Develop practical knowledge of vendor management, raw material control, and validation monitoring within a pharmaceutical industry setting.

PT. Enseval Putera Megatrading, Tbk - Kota Bandung

Feb 2026

Pharmacist Internship

- Ensure drug distribution and storage processes were aligned with CDOB guidelines in the warehouse area.
- Conduct regular stock opname for 4 commodities at PT Enseval Putera Megatrading, reconciling inventory data with the system and identifying discrepancies.
- Managed logistics documentation and verified accuracy of over 50 invoices against goods received and system records.
- Design and develop a temperature validation protocol for Cold Chain Product storage and distribution to ensure regulatory compliance.

Faculty of Pharmacy Universitas Padjadjaran - Sumedang, Indonesia

Feb 2024 - Jun 2024

Laboratory Assistant

Department of Pharmaceutical Analysis and Medicinal Chemistry

- Conducted a guidance for 27 students which took part in practicum of Drug Quality Control Practice
- Created and supervised daily assessment for 27 students in 4 months of work
- Supervised 6 group of students in 3 type of drugs analysis with Derivative method, standard addition, and HPLC
- Operated HPLC and Spectrophotometry UV-VIS instrument

Faculty of Pharmacy Universitas Padjadjaran - Sumedang, Indonesia

Aug 2023 - Dec 2023

Laboratory Assistant

Department of Biological Pharmacy

- Conducted a guidance for 24 students which took part in Pharmaceutical Microbiology Practice of Department of Biological Pharmacy
- Created and supervised daily assessment for 24 students divided in 8 groups in 4 months of work
- Incubated and prepared bacteria, MHA, and lab tools
- Worked with microbiology instruments
- Researched about antibiotics sensitivity and activity, bacteria, and fungus

Faculty of Pharmacy Universitas Padjadjaran - Sumedang, Indonesia

Feb 2023 - Jun 2023

Laboratory Assistant

Department of Pharmaceutical and Technology Pharmacy

- Conducted a guidance of 30 students which took part in Physical Pharmacy practicum in 4 months of work
- Created and supervised daily assessment for 30 students divided in 6 groups
- Worked based on rheology, titration, physical chemistry of chemical compound
- Operated dissolution tester, viscometer, and other pharmaceutical instruments

Organisational Experience

BEM KEMAFAR UNPAD - Sumedang, Indonesia

Mar 2023 - Dec 2023

Staff of Academic Departement

- Collected and explored academical competition and seminar information from other university
- Created the design for BEM Kemafar's social media feeds containing academical competition information every month in 12 months of work
- Published and managed academical information and achievement for the most outstanding student

Skills & Certificates

- **CPOB (Issued by Latih.co)** (2026): Strengthened understanding of the latest CPOB 2024/2025 regulatory updates and their practical implementation in pharmaceutical manufacturing processes.
- **Regulatory Affairs - Cosmetics (Latih.co)** (2026): Gained insight into regulatory leadership, product registration compliance, and BPOM/Kemenkes coordination within the cosmetics and PKRT industry.
- **Lean Six Sigma White Belt Certification** (2026): Fundamental knowledge of Lean, Six Sigma, and DMAIC framework.
- **Technical Skills:** Knowledge of CPOB/GMP, CDOB, Production Flow, and Microsoft Office.
- **Analytical Instruments:** UV-VIS Spectrophotometer, HPLC, FTIR, Microplate Reader