

ZAHRA NUR ICHWANDINI

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SUMMARY

Licensed pharmacist from Institut Teknologi Bandung (ITB) with experience in analytical method development, validation, and regulatory documentation for pharmaceutical and cosmetic products. Proficient in analytical instruments and pharmacopeial standards (USP/BP/EP), with hands-on experience supporting export product registration and laboratory quality systems. Seeking opportunities in Analytical Development, Regulatory Affairs, and Quality Assurance in the pharmaceutical and cosmetic industries.

EDUCATION

Pharmacist Professional (Apothecary) Study Program (2024 – 2025)

School of Pharmacy Institut Teknologi Bandung (SF ITB)

- Cumulative GPA: 3.82 / 4.00 ; *Cum Laude*

Bachelor - Pharmaceutical Science and Technology (2019 – 2023)

School of Pharmacy Institut Teknologi Bandung (SF ITB)

- Cumulative GPA: 3.81 / 4.00 ; *Cum Laude*
- Thesis : Gene expression analysis on UVA-irradiated NIH/3T3 cells treated with white tea extract (Biotechnology Lab).
- Key skills: cell culture, in silico studies, qPCR, protein analysis, and gene expression analysis.

AWARDS

Daewoong Foundation Scholarship 2022 Awardee (2022 – 2023)

- Conducted research on the Indonesian biosimilar market, including trastuzumab market potential, and was selected as one of 70 recipients of the 2022 Daewoong Foundation Scholarship.

EXPERIENCE

Global Intern 2026 – Daewoong Pharmaceutical (Apr 2026 – July 2026)

- Executed 9 analytical method development, trial, and validation projects for pharmaceutical and cosmetic products.
- Prepared analytical data and documentation for ISO/IEC 17025 proficiency testing
- Conducted literature reviews to support recombinant protein production projects.

Analytical Development Export Staff – Novell Pharmaceutical Laboratories (May 2025 – February 2026)

- Prepared analytical documentation for export product registration and regulatory dossiers.
- Conducted analytical method validation and verification in accordance with USP/BP/EP and other applicable guidelines.
- Supported analytical development for 1–3 export products per semester through literature review and laboratory studies.
- Coordinated laboratory instrument calibration and cross-functional analytical activities to ensure data integrity and quality compliance.

Laboratory Analytics Project Intern - Oxford University Clinical Research Unit (Jun 2022 – Aug 2022)

- Performed immunoassays (ELISA and ELISPOT) on 200+ samples to evaluate humoral and cellular immune responses to COVID-19 vaccines in Indonesia (Pfizer, AstraZeneca, Sinovac).

- Managed biological specimen integrity, ensuring strict traceability and quality control for cell and serum samples in a high-standard laboratory environment.

Solid Production Intern – SOHO Global Health

(Sep 2024 – Oct 2024)

- Managed material reconciliation and lost time analysis for 50+ solid dosage production batches to support production efficiency and data accuracy.
- Investigated production and packaging deviations to support troubleshooting and **GMP-compliant** process improvements.

Cosmetic Laboratory Pharmacist Intern – Indonesian FDA (BBPOM Bandung)

(Aug 2024 – Aug 2024)

- Conducted laboratory tests on 100+ cosmetic samples to assess compliance with regulatory standards using GC, GCMS, and HPLC.
- Performed data analysis and interpreted chromatograms to detect prohibited substances or deviations in testing parameters.
- Troubleshoot and resolved data-related challenges in laboratory experiments.

Laboratory Assistant – SF ITB

(Aug 2021 – Dec 2022)

- Supervised and mentored students in three specialized laboratory activities : Sterile & Liquid Dosage Forms, Physical Pharmacy, and Pharmaceutical microbiology.

WORKSHOPS

Regulatory Affairs in Cosmetic Industry

(April 2026)

Quality Assurance (QA) in Pharmaceutical Industry

(March 2025)

Skinproof - Crafting Meaningful Marketing Claim with Consumer Research & Sensory Research

(Nov 2024)

School of Pharmacy ITB International Virtual Course - Vaccine Development

(June 2021 - July 2021)

ORGANIZATION

Public Health Campaign Staff – 68th IPSF World Congress

(Nov 2021 – Aug 2023)

- Conducted research for campaign materials and developed engaging content for public health initiatives.

Pengembangan Karya Division Vice Manager – Student Executive Board ITB

(Oct 2021 – Feb 2022)

- Analyzed student project challenges and facilitated cross-organizational research collaborations

Internal Vice Manager – ITB Student Cooperation Unit

(Sept 2021 – Feb 2022)

- Led and monitored three major internal projects, ensuring alignment with organizational objectives.

Community Development Staff – ITB Pharmacy Student Association

(Sept 2020 – Feb 2022)

- Compiled a COVID-19 nutrition guidebook and managed TOR development for community events.

SKILLS

Technical skills: Analytical Method Development & Validation, Regulatory Documentation, Pharmacopeial Standards (USP/BP/EP), ISO/IEC 17025 Documentation, HPLC/UPLC, GC, UV/Vis

Language: Indonesian, English (TOEFL ITP: 593, Duolingo English Test: 125)

Soft skills: Organization Skills, Problem Solving, Data Analysis (Minitab), Critical Thinking