

## AISYAH AYU MAHARANI

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Tangerang, Indonesia

### SUMMARY

Bachelor of Pharmacy graduate from Institut Teknologi Bandung (ITB) with experience in pharmaceutical research and regulated pharmaceutical operations. Currently gaining pharmaceutical industry experience at Deka Group, involving structured documentation, data processing, workflow improvement, and cross-functional coordination. Detail-oriented and analytical, with a strong interest in procurement, supply chain operations, and strategic sourcing within the pharmaceutical industry.

### EDUCATION

#### Bandung Institute of Technology

Bandung, Indonesia

Bachelor of Pharmacy | Pharmaceutical Science & Technology

Aug 2020 – Jul 2024

- GPA: 3.60/4.00
- Awardee of Bank Indonesia Scholarship 2022 – 2024
- Final Project: Nanonization and Characterization of Tempuyung (*Sonchus arvensis*) Leaf Extract and In Vitro Inhibition of HMG-CoA Reductase Enzyme and Antioxidant Activity

### PROFESSIONAL EXPERIENCE

#### Intern, Pharmacovigilance - Deka Group - Jakarta, Indonesia

Feb 2026 – Present

##### Pharmacovigilance Operations

- Processed 200+ Product Technical Complaint (PTC) registrations through Infotehna to support pharmacovigilance case management.
- Processed and distributed 100+ Final Complaint Responses to Product Managers and Marketing teams following completion of complaint investigations.
- Completed 23+ CDER safety assessments by reviewing global regulatory safety updates and supporting internal safety communication.
- Performed weekly local literature screening (>100 articles) and supported two retrospective 3-year literature review projects for newly approved products

##### Regulatory Documentation

- Drafted 7 Risk Assessment documents in accordance with international regulatory references, including PMDA and NPRA guidelines.
- Supported the preparation of Periodic Safety Update Reports (PSUR)

##### Data Analytics & Reporting

- Developed an interactive Looker Studio dashboard integrating PTC, AE, PSUR, and RMP metrics for real-time team performance monitoring.
- Performed monthly reconciliation across AAM, QA, PTC, and AE datasets, ensuring complete case reporting (zero hidden reports).
- Processed and deduplicated PV training records, preparing consolidated reports and HR reminders for a 6-month departmental training program

#### School of pharmacy, Bandung Institute of Technology

##### Liquid & Semisolid Pharmaceutical Technology Laboratory Assistant

Aug – Dec 2024

- Guided students through non-sterile liquid and semisolid dosage form preparation, ensuring full adherence to SOP and laboratory safety protocols.
- Evaluated formulation quality parameters including appearance, homogeneity, and basic stability across multiple laboratory batches.
- Reviewed and verified laboratory reports to ensure data completeness, clarity, and traceability prior to submission.

##### Pharmacokinetics Laboratory Assistant

Jan–Jun 2024; Jun–Dec 2025

- Facilitated pharmacokinetics laboratory sessions, ensuring protocol compliance and accurate experimental execution.
- Compiled, cross-checked, and validated experimental datasets to improve reporting accuracy.
- Reviewed laboratory reports and supporting literature to strengthen students' scientific reasoning and data interpretation

##### Basic Pharmaceuticals Laboratory Assistant

Aug–Dec 2022; Aug–Dec 2023

- Facilitated undergraduate laboratory sessions covering solutions, suspensions, emulsions, creams, and ointments, ensuring compliance with laboratory procedures and safety protocols.
- Reviewed formulation records against the Handbook of Pharmaceutical Excipients (HOPE) and pharmacopoeial standards to ensure formulation accuracy and appropriate excipient selection.

- Evaluated laboratory reports for scientific accuracy, formulation rationale, and documentation quality, providing technical feedback to students.

#### **Research Intern (RISPRO LPDP–Indofarma Collaborative Research Project)**

*Jun – Aug 2023*

- Optimized planetary ball milling parameters (rotation speed, ball-to-powder ratio, and milling time), reducing particle size of *Sonchus arvensis* leaf extract by over 80% (2,829 nm to 471 nm).
- Enhanced formulation performance by improving solubility and increasing total phenolic and flavonoid content following nanonization optimization.
- Performed physicochemical characterization using PSA, SEM, XRD, FTIR, TG-DTA, and UV-Vis to evaluate nanonization outcomes and guide formulation optimization.
- Prepared experimental protocols and technical documentation supporting the RISPRO LPDP–Indofarma collaborative research project.

### **ORGANIZATION EXPERIENCE**

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#### **Head of Pharmacy Subject Subdivision - Pharmanova ITB 2023**

*May 2022 – Jan 2023*

- Led preparation of structured learning materials and problem sets for a national-level pharmacy competition.
- Coordinated cross-functional teams to ensure alignment with academic standards and event timelines.

#### **MBKM Socio-Entrepreneurship Volunteer - Bandung Institute of Technology**

*Aug – Dec 2022*

- Planned and developed a social project in Tanjungsari village, encompassing health education and community entrepreneurship initiatives.
- Contributed to branding, promotion, and market testing of local weaving products developed in the community.

#### **Intracampus Officer - Aku Masuk ITB 2022**

*Jan – Mar 2022*

- Coordinated communication and maintained relationships between Aku Masuk ITB 2022 and campus internal organizations including KM ITB.

#### **Intern, Intracampus Division - HMF 'Ars Praeparandi' ITB**

*Aug – Dec 2021*

- Facilitated communication and maintained relationships between HMF and campus internal organizations.

#### **Intern, PSDM Division - Kabinet KM ITB**

*Oct 2020 – Mar 2021*

- Contributed to ITB undergraduate student development initiatives in Human Resources, and collaborated in organizing OSKM ITB 2021.

### **SKILLS**

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**Software:** Microsoft Office (Outlook, Word, Excel, PowerPoint), Canva, Capcut, Data Studio, Tableau, Minitab

**Languages:** Indonesian (Native) | English (Professional working)