



Ihza Adzkiya Mubarak Al-Husni

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SUMMARY

Ihza Adzkiya Mubarak Al-Husni is a Pharmacy graduate and Registered Pharmacist Candidate from the Sumatra Institute of Technology (GPA 3.88/4.00) and currently pursuing a Professional Pharmacist degree at the Bandung Institute of Technology (GPA 3.93/4.00). Experienced in Quality Control Stability, pharmaceutical distribution, and Good Manufacturing Practices through professional internships. Recognized as the Best Graduate for outstanding academic achievement, with strong analytical, organizational, teamwork, and problem-solving skills. Highly motivated to continuously learn and contribute to the pharmaceutical industry, particularly in Quality Control, Research & Development, Production, Quality Assurance, and Regulatory Affairs.

EDUCATION

Institut Teknologi Bandung (apt)

Aug 2025 – Oct 2026

Pharmacy Profession

GPA : 3.93/4.00.

Institut Teknologi Sumatera (S1)

Aug 2021 – Feb 2025

Pharmacy Department

GPA : 3.88/4.00.

LANGUAGES & SKILLS

- Bahasa Indonesia, English.
- Ms. Office, Ms. Excel, Ms. PowerPoint, Software insilico (Autodock, kingdraw, Bioavia discovery studio, Avogadro).
- Analytical Thinking, Problem Solving, Teamwork, Communication, Organization, Adaptability.

WORK EXPERIENCES

PT. Imedco Djaja

Quality Control Stability

Mar 2026 – Apr 2026

- Performed stability study activities including sample preparation, documentation review, and evaluation of stability testing parameters for pharmaceutical products.
- Conducted a delisting project for stability testing by reviewing stability requirements for unregistered products and evaluating the necessity of continued stability studies.
- Studied and applied bracketing and matrixing design approaches to optimize stability testing plans, reducing the number of test samples while maintaining data reliability.
- Reviewed and interpreted stability testing data to assess product quality and compliance with established specifications.
- Monitored the implementation of Good Laboratory Practices (GLP) and pharmaceutical quality documentation systems within the Quality Control laboratory.

Kimia Farma Trading Distribution Tasikmalaya

Operational Distribution

Feb 2026 – Feb 2026

- Studied and evaluated the implementation of Good Distribution Practices (CDOB/GDP) across pharmaceutical distribution operations.
- Examined drug receipt and dispensing documentation, verifying product conformity, batch numbers, and expiration dates.
- Implemented warehouse inventory and storage management processes using the FEFO (First-Expired, First-Out) system to preserve product quality.
- Analyzed packaging and distribution workflows of pharmaceutical supplies to pharmacies, hospitals, and healthcare facilities.
- Monitored cold chain management processes, tracking storage and transit temperatures to ensure the stability of temperature-sensitive products.

Apotek Mutiara Hati Bandung

Clinical Pharmacy Services

Jan 2026 – Jan 2026

- Provided evidence-based therapy recommendations and counseling for patient self-medication services.
- Delivered clear drug information and safety guidance directly to patients to optimize adherence.
- Monitored adverse drug reactions (ADRs) and evaluated medication utilization patterns to ensure patient safety.

Balai POM di Tasikmalaya

Enforcement

Nov 2025 – Nov 2025

- Participated in preventive enforcement activities (cegah tangkal) through strategic monitoring, public outreach, and early-warning identification.
- Conducted cyber surveillance on online drug and food distribution channels to identify and flag potential regulatory violations.
- Supported digital evidence screening and data gathering for online market monitoring.
- Analyzed intelligence gathering operations and preliminary investigation workflows under regulatory compliance.
- Managed case documentation and coordinated follow-up actions with active enforcement teams.

Rumah Sakit Al-Islam Bandung

Clinical & Management Pharmacy

Oct 2025 – Oct 2025

- Performed sterile and non-sterile dispensing processes according to strict hospital safety standards.
- Managed inventory, secure storage, and precise distribution of medications across hospital departments.
- Executed compounding and repackaging activities for customized patient dosages.
- Conducted comprehensive medication reviews and medication reconciliation during patient transitions.
- Monitored antimicrobial utilization within the hospital's Antimicrobial Stewardship (AMS) programs.
- Provided therapeutic recommendations during interprofessional medical rounds and conducted targeted patient counseling for ADR monitoring.

PT. Biofarma (Persero) Bandung

Virus Media Production1

Jul 2024 – Aug 2024

- Formulated and updated the latest version of the master formula document for sodium bicarbonate solutions.
- Prepared, maintained, and sterilized production equipment and laboratory tools according to standard operating procedures.
- Managed virus production media workflows including weighing, dissolving, mixing, and transferring media under sterile conditions.

PROJECTS

In Silico and In Vitro Tests in a Study of the Mechanism of Action of Metabolites from the Namnam Plant (*Cynometra cauliflora*) as Tyrosinase Inhibitors

Research Assistant

Jul 2024 – Feb 2025

- Conducted in silico molecular docking evaluations utilizing AutoDock, KingDraw, BIOVIA Discovery, and Avogadro.
- Executed in vitro antioxidant and metabolite testing on *Cynometra cauliflora* L. to evaluate its activity as a tyrosinase inhibitor.

Synthesis, Characterization, and In Vitro Testing of Zerumbone Derivatives as Candidate Anticancer Agents for Breast and Colon Cancer

Research Assistant

Jul – Dec 2023

- Synthesized and characterized zerumbone derivatives utilizing Column Chromatography, TLC, UV/Vis Spectrophotometry, FTIR, AAS, and NMR.
- Performed in silico screening of synthesized derivatives to analyze potential breast and colon anticancer properties.

E.Co Herbal: Organic Supplements Made from Red Seaweed from Ruguk Village, Ketapang Subdistrict, South Lampung

Research Assistant

Jun 2023 - Oct 2023

- Developed organic supplement formulations utilizing processed red seaweed from Ruguk Village, South Lampung.
- Organized community service programs and public socialization initiatives for health product awareness.
- Prepared and published the official research journal detailing the product's formulation and community impact.

ORGANIZATION EXPERIENCE

Student Association of Pharmacy ITERA

Senate oversight committee staff

Feb 2023 – Jan 2024

- Monitored and audited strategic executive programs to ensure compliance with organizational regulations.

Student Association of Pharmacy ITERA

Senator HIMAFA 'Asclegieia' ITERA

Feb 2024 – Jan 2025

- Served as a legislative representative to bridge and communicate student aspirations from the pharmacy department to the central campus legislative body.

Student Association of SENAT-KM ITERA

HIMAFA 'Asclegieia' ITERA Senator Delegation at the SENAT KM-ITERA

May 2024 – Jan 2025

- ITERA Senator Delegation
- Supervised and evaluated the implementation of events and work programs executed by the KM-ITERA cabinet executive.

Ismafarsi National Rakernas Delegation XVI

official delegation

Jan 2023 – Jan 2023

- Represented Pharmacy ITERA at the national assembly in Bandung, collaborating with pharmacy student delegations nationwide to formulate strategic organizational policies.

LABORATORY EXPERIENCE

Lab Assistant

Lab Assistant Phytochemical 1

Sep 2024 - Dec 2024

- Guided undergraduate students in conducting laboratory experiments, understanding core methodologies, and enforcing safety standards.
- Reviewed, evaluated, and graded student pre-journals, practical assignments, and final laboratory reports.

Lab Assistant

Lab Assistant Physical Pharmacy

Sep 2023 - Dec 2023

- Guided undergraduate students in conducting laboratory experiments, understanding core methodologies, and enforcing safety standards.
- Reviewed, evaluated, and graded student pre-journals, practical assignments, and final laboratory reports.

Lab Assistant

Lab Assistant Phytochemical Chemistry

Sep 2022 - Dec 2022

- Guided undergraduate students in conducting laboratory experiments, understanding core methodologies, and enforcing safety standards.
- Reviewed, evaluated, and graded student pre-journals, practical assignments, and final laboratory reports.

EVENT & PROJECT EXPERIENCE

The 5th Pharmacie X The 4th Dies Natalis HIMAFa 'Asclepieia' ITERA

Media partner public relations division staff

May 2023 – Sep 2023

- Working with media partners in Bandar Lampung for collaboration with the 5th Pharmacie event.

The 4th Pharmacie ITERA

Competition events division staff

May 2022 - Sep 2022

- Create a race event rundown, competition mechanism, competition soup, create a competition booklet.

VOLUNTEER EXPERIENCE

Pharmaceutical Community Service (PKM) | SD Negeri 1 Harapan Jaya

Volunteer

Nov 2024

- Delivered PHBS and personal hygiene education through interactive activities.
- Demonstrated proper handwashing and hand sanitizer preparation to students.
- Collaborated in community health education and event execution.

KKN PPM ITERA | Kampung Sri Sawahan

Product Development & Health Education Team

Feb 2024

- Developed moringa leaf pudding as a local nutrition innovation to support stunting prevention.
- Delivered health education on stunting prevention and nutrition to the local community.
- Collaborated with the team in product development and community health promotion

The 4th Pharmacie Pengabdian Kepada Masyarakat Desa Tarahan

Steering Committee

Jul 2022

- Create and Determine the Direction, Goals, and Objectives of the Event.
- Formulating the Theme and Packaging for the Event to be held and lead and Provide Technical Direction to the Organizer Committee.

ACHIEVEMENTS

1st Best Graduate, 21st Graduation Period | Institut Teknologi Sumatera (2025)

Apr 2025

- GPA: 3.88/4.00.

Winner of the National Student Creativity Program (PKM-AI) Incentive Award (2023)

Jul 2023

- Paper: "Bioinformatics Analysis and Docking of Cucurbitacin E on the Allosteric Site of AKT1 Protein as a Colorectal Anticancer Agent."

2nd Best Student of the Common First-Year Program (TPB) | ITERA (2022)

Aug 2022

- Essay "The idea of the COBALOT application (Check Drugs based on Drug Allergies) as an effort to check drugs based on the type of history of drug users during the adaptation period and new habits in Indonesia".

PUBLICATIONS

- **Studi In Silico Potensi Antikanker Kolorektal Senyawa Zerumbone dan Derivatnya terhadap Protein P38-MAPK**
Successfully contributed as author for this paper at Jurnal Sains dan Kesehatan.
- **Isolation and characterization of Zerumbone isolated from Zingiber zerumbet**
Successfully contributed as author for this paper at Jurnal Indonesian Journal of Pharmacy.
- **Molecular Docking Analysis of Zerumbone Derivatives as XIAP-BIR3 Inhibitor for Anticancer Agent**
Successfully contributed as author for this paper at Jurnal Nusantara Science and Technology Proceedings.
- **In Vitro Evaluation of Antioxidant and Anti-Hyperpigmentation Properties of Cynometra cauliflora Leaves**
Successfully contributed as author for this paper at Jurnal ACTA Pharmaceutica Scientia.
- **Potency of Cynometra cauliflora as Tyrosinase Inhibitor: In Silico Study**
Successfully contributed as author for this paper at Thai Journal of Pharmaceutical Sciences.
- **Pelatihan Pembuatan Suplemen Organik dari Olahan Rumput Laut Merah asal Desa Ruguk, Kec. Ketapang, Lampung Selatan**
Successfully contributed as author for this paper at Jurnal Pengabdian Masyarakat Bangsa.