

AZIZAH SALMA HAYYU

Pharmacy graduate from Diponegoro University with a Pharmacist Professional Program from Universitas Muhammadiyah Surakarta, currently awaiting the graduation and professional oath-taking ceremony. Two years of experience in R&D Product Development in the pharmaceutical industry, along with practical experience (PKPA) in Quality Assurance. Experienced in R&D in existing product process and manufacturing development from lab scale to pilot scale, reformulation, stability evaluation, and technology transfer. In QA, experienced in reviewing and analyzing data and quality documentation through PQR to evaluate product quality and consistency and support continuous improvement. Strong analytical, documentation, and cross-functional coordination skills in the pharmaceutical industry.

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 Surakarta, Central Java

EDUCATION

Universitas Diponegoro, Semarang, Central Java, Agustus 2019 - Juni 2023

Bachelor of Pharmacy | GPA: 3.72/4.00

- GPA: 3.72/4.00 (Cumlaude)
- Relevant Coursework: Good Manufacturing Practices (GMP/CPOB), Good Clinical Practice (GCP/CUKB), Non-Sterile Dosage Forms (Solid, Semisolid, and Liquid) and Sterile Dosage Forms, Analytical Method Development, Analytical Method Validation, Product Management and Marketing, Product Planning and Packaging Technology, and Process Technology Analysis

Universitas Muhammadiyah Surakarta, Surakarta, Central Java, September 2025 – Agustus 2026

Pharmacist Professional Program (Completed)

WORK EXPERIENCE

- *Existing Product Development Staff (Research and Development Department) – Permanent Employee*
PT IFARS Pharmaceutical Laboratories | Kebakkramat, Central Java | October 2023 – October 2025
 - Prepared product development documentation based on Quality by Design (QbD) principles.
 - Designing the product development process and initiating the optimization process, ranging from laboratory scale to pilot scale.
 - Designed and conducted reformulation experiments for the development and quality improvement of existing products.
 - Conducted formulation stability studies to evaluate product quality, safety, and shelf life.
 - Finalized formulations for approximately 10 products, from formulation experiments and stress condition evaluation through preparation for lab-to-pilot scale-up, within 4 months.
 - Investigate product issues and contribute to the development and implementation of Corrective and Preventive Actions (CAPA) to support continuous improvement.
 - Supervised pilot-scale manufacturing processes and In-Process Control (IPC), documenting process parameters and results according to batch records and pilot-scale designs as part of manufacturing process evaluation and development.
 - Supervised technology transfer from development scale to production scale.
 - Coordinated with Production, Quality Assurance (QA), and Quality Control (QC) departments in product development, scale-up, and product change implementation.

INTERNSHIP EXPERIENCE

- **Pharmacist Professional Program Internship**
PKU Muhammadiyah Solo Hospital | Surakarta, Central Java | April 2026 – May 2026
 - Performed clinical pharmacy services, including prescription screening, dispensing, medication reconciliation, drug information services, and patient counseling.
 - Participated in ward rounds and provided medication therapy recommendations under pharmacist supervision.
- **Pharmacist Professional Program Internship**
Penumping Public Health Center | Laweyan, Surakarta | March 2026 – March 2026
 - Performed pharmaceutical services, including prescription screening, dispensing, drug information services, and patient counseling.
 - Conducted health education and health promotion activities for the community.

Pharmacist Professional Program Internship

PT Bangkit Anugerah Bersama | Banyuwang, Surakarta | March 2026 – March 2026

- Performed receipt, storage, and distribution of products in accordance with Good Distribution Practices.
- Gained an understanding of procedures for handling returned, expired, and recalled products.

Pharmacist Professional Program Internship – Quality Assurance Dept.

PT Phapros Tbk. | Semarang, Central Java | January 2026 – February 2026

- Collected, analyzed, and prepared PQRs for 500+ batches to evaluate manufacturing process consistency and product quality, including tracing Change Controls to identify changes in specifications, material sources, and other relevant changes during the evaluation period and assessing their impact on product quality.
- Evaluated quality trends based on deviation, complaint, OOS/OOT, IPC, and stability study data and identified their relationships with implemented changes.
- Contributed to continuous improvement recommendations based on PQR findings and quality data analysis.

Pharmacist Professional Program Internship

Apotek Mitra Sehat | Karanganyar, Central Java | December 2025 – December 2025

- Performed prescription screening, dispensing, self-medication services, and drug information services in accordance with pharmacy practice standards.
- Managed pharmaceutical supplies, including receiving, storage, and stock control in accordance with FEFO/FIFO principles.

Pharmacy Assistant – Undergraduate Internship

Indriati Hospital Boyolali | Boyolali, Central Java | January 2022 – February 2022

- Gained an understanding of pharmaceutical logistics procurement, storage, and quality control processes, including pharmaceutical stock opname.
- Gained an understanding of prescription medication services, dispensing, and drug information services for patients.
- Analyzed the use of prophylactic antibiotics in pregnant patients undergoing Caesarean section (C-section) at Indriati Hospital as a collaborative project with a pharmacist.

ORGANIZATIONAL EXPERIENCE

Himpunan Mahasiswa Farmasi (HIMFASI), Faculty of Pharmacy, Universitas Diponegoro – Head of Economics and Business | Semarang, Central Java | January 2021 – January 2022

- Led the implementation of work programs and fostered strong internal relationships within the division.

SKILLS

Soft Skill	Critical thinking, innovative, actively collaborates with the team, adaptable, problem-solving
Hard Skill	Quality by Design (QbD), Stability Studies, Continuous Improvement, Quality Data Analysis, GMP/CPOB, Reformulation, Process/Manufacturing Development, Product Quality Review (PQR)
Software Skill	Microsoft Office (Excel, Word, PowerPoint), Minitab (Capability Analysis, Cp/Cpk, Ppk, Control Charts)

RESEARCH (UNDERGRADUATE THESIS)

Formulation and Antioxidant Activity Evaluation of Avocado Seed (*Persea americana* Mill.) Extract Gel with Varying CMC-Na Concentrations

Conducted experimental formulation and evaluation of avocado seed (*Persea americana* Mill.) extract antioxidant gel with varying CMC-Na concentrations through antioxidant activity testing, physical characterization, and stability testing. Date: June 14, 2023 | <https://eprints2.undip.ac.id/id/eprint/13384/>

ADDITIONAL EXPERIENCE

Faculty of Pharmacy, Universitas Diponegoro – Lab. Assistant, Semisolid and Liquid Dosage Forms Laboratory (February – June 2023)

- Conducted laboratory-scale trials to determine pharmaceutical formulations for student laboratory sessions.

Faculty of Pharmacy, Universitas Diponegoro – Lab. Assistant, Physical Pharmacy Laboratory (August – December 2022)

- Coordinated practical sessions and assessed students.