



# MUHAMMAD FAHRI FATHI FARHAT

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Tasikmalaya, Jawa Barat, 46196.

## SUMMARY

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Pharmacist Professional Program student at Universitas Gadjah Mada with experience in Analytical Development and Technical Service within pharmaceutical testing and manufacturing environments. Experienced in analytical method development and validation using HPLC-UV, pharmaceutical product evaluation, and analytical testing using HPLC, UV-Vis, AAS, and GC-FID. In Technical Service, involved in process and product development documentation, including QTPP, CQA, CPP/KPP analysis, FMEA risk assessment, and control strategy development to support process validation. Familiar with technical problem solving and literature reviews for pharmaceutical product and process evaluation.

## WORK AND COMMITTEE EXPERIENCE

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### RUMAH SAKIT AKADEMIK (RSA) UNIVERSITAS GADJAH MADA – YOGYAKARTA, INDONESIA

Pharmacist Intern (April 2026 - May 2026)

- Completed hospital pharmacy internship across 6 units, including inpatient, outpatient, sterile production, inventory, antimicrobial resistance control, and clinical pharmacy services.
- Conducted prescription screening and therapy reviews to identify dosing issues, duplications, and drug interactions.
- Provided patient counseling and drug information services to improve medication adherence.
- Supported antimicrobial stewardship through antibiotic utilization review and Antimicrobial Resistance Control Program activities.
- Participated in Therapeutic Drug Monitoring (TDM), including clinical data collection, ADR monitoring, and dose evaluation.
- Assisted inventory planning, forecasting, stock monitoring, and drug distribution to maintain supply continuity.

### PT FINUSOLPRIMA FARMA INTERNASIONAL – BEKASI, INDONESIA

Technical Service (TS) Intern (February 2026 - April 2026)

- Prepared Product Process Design Reports (PPDR) for Hydroxyethyl Starch (HES) and Triomix infusion products, including QTPP, CQA, CPP/KPP analysis, FMEA risk assessment, and control strategy development for process validation.
- Conducted physicochemical literature reviews of Levofloxacin, including stability, compatibility, and formulation-related characteristics to support product evaluation and development.
- Created a Master Processing/Packaging Procedures (PPI) database against Change Control (CC) to track documents requiring updates based on the latest CC and improve document control.
- Conducted technical literature reviews on osmolarity and mannitol redissolution, PES filter integrity testing, and paracetamol infusion stability to support technical problem solving and product evaluation.

- Designed Child-Resistant Packaging (CRP) concepts for pharmaceutical syrup products by applying ISO, FDA, and ASTM regulations, including packaging redesign and 3D visualization.
- Conducted vendor benchmarking for packaging testing equipment including WVTR, OTR, UVTR, and thermal conductivity instruments by comparing specifications, testing methods, and pricing.

### **APOTEK MUGI WALUYO – BANJARNEGARA, INDONESIA**

Apothecary Assistant (January 2026)

- Performed prescription dispensing, patient counseling, and medication compounding in a community pharmacy setting.

### **APOTEK UAD 4 – YOGYAKARTA, INDONESIA**

Pharmacist Intern (November 2025 - December 2025)

- Assisted in prescription dispensing and patient counseling under pharmacist supervision.
- Supported inventory management and stock monitoring to maintain availability and accuracy.
- Conducted a pharmacy feasibility study covering market analysis, financial planning, operational workflow, and inventory management.

### **KIMIA FARMA TRADING AND DISTRIBUTION (KFTD) – YOGYAKARTA, INDONESIA**

Pharmacist Intern (November 2025)

- Supported inventory control activities and assisted in preparing distribution processes.
- Contributed to distribution operations to ensure timely and accurate delivery of pharmaceutical products and medical devices.
- Assisted in quality assurance activities to maintain compliance with Good Distribution Practices (GDP) through documentation review and operational monitoring.

### **PUSKESMAS SEWON II – YOGYAKARTA, INDONESIA**

Pharmacist Intern (August 2025 - October 2025)

- Provided pharmaceutical services in a primary healthcare center, including prescription dispensing, patient counseling, and medication compounding for more than 100 patients per day.
- Prepared drug and medical supply requirement plans using the consumption method.
- Conducted FIFO-FEFO stock opname (SO) to ensure proper inventory control.
- Distributed medications and medical supplies to the Emergency Room, MCH (Maternal and Child Health) Clinic, and Mobile Health Center.

### **APOTEK RAJENDRA – YOGYAKARTA, INDONESIA**

Apothecary Assistant (February 2025 - July 2025)

- Successfully performed prescription dispensing, patient counseling, and medication compounding in a community pharmacy setting.
- Supported the management of pharmaceuticals, medical devices, and consumables to ensure proper storage and stock accuracy.
- Successfully prepared over 2000 BPJS PRB (Program Rujuk Balik – a chronic disease medication supply program under Indonesia's National Health Insurance) medications, with distribution carried out through direct delivery to designated healthcare facilities or patient self-pickup.
- Performed administrative tasks related to MTM (Medication Therapy Management).
- Ensured all distribution processes complied with prescription requirements during part-time employment.

## **BALAI PENGUJIAN KESEHATAN IKAN DAN LINGKUNGAN (BPKIL) – BANTEN, INDONESIA**

Analytical Assistance Scientist (September 2024 - January 2025)

- Conducted over 50 quality control tests for aquaculture drugs as part of pre-market registration requirements using HPLC, AAS, UV-Vis Spectrophotometer, and GC-FID.
- Conducted analytical method development and validation for the simultaneous determination of Biotin and Calcium Pantothenate using HPLC-UV.

## **KKN-PPM UGM MERAPAH SAMBIREJO – SRAGEN, INDONESIA**

Sub-Unit Student Coordinator (December 2023 - August 2024)

- Coordinated sub-unit activities and implemented 40 work programs during the UGM KKN-PPM in Jetis Village.
- Managed communication between the sub-unit, community, and main KKN unit.
- Oversaw monitoring and administration of program activities, and prepared detailed activity reports to ensure accountability.

## **FARMASI CUP 2022 & 2023 – YOGYAKARTA, INDONESIA**

Security Division Staff (May 2022 - December 2022) & Vice (May 2023 - December 2023)

- Coordinated event safety and crowd control during the annual inter-faculty sports competition.
- Collaborated with event committees and security personnel to implement safety protocols, monitor entry points, and handle emergencies.
- Achieved a safe and smooth event with zero security incidents in both years.

## **TANAMAN OBAT KELUARGA (TOGA) – YOGYAKARTA, INDONESIA**

Public Relation Staff (June 2023 - September 2023)

- Conducted outreach to partner villages to promote and educate about family medicinal plant cultivation and use.

## **GEBYAR ISLAM FARMASI (GIF) – YOGYAKARTA, INDONESIA**

Head of Committee (October 2022 - December 2022)

- Supervised activities and ensured each division followed the established work plan.
- Oversaw event execution, resulting in a successful and well-organized program.

## **RAMADHAN DI FARMASI (RADIFA) – YOGYAKARTA, INDONESIA**

Head of Public Relation (March 2022 - May 2022)

- Managed relations with the community and carried out social activities that supported the event.
- Coordinated and supervised division members to ensure smooth execution of outreach programs.

## **ORGANIZATIONAL EXPERIENCE**

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### **SENAT MAHASISWA FAKULTAS FARMASI UGM (SM-KMFA UGM) 2023 – YOGYAKARTA, INDONESIA**

Commission V & Badan Komunikasi, Informasi, Jaringan, dan Antar Parlemen (Bakominfo) Staff (December 2022 - December 2023)

- Commission V: Responsible for discussions, supervision, and evaluation of major events organized by BEM KMFA to ensure proper execution and continuous improvement.
- Bakominfo: Managed information flow, facilitated effective communication, and disseminated relevant updates between related parties, contributing to efficient coordination and organizational transparency.

## **KELUARGA MAHASISWA MUSLIM FARMASI (KMMF) UGM – YOGYAKARTA, INDONESIA**

Public Relation Staff (February 2022 - February 2024)

- Built and maintained relationships with internal and external partners to support organizational programs.
- Facilitated collaborations and partnerships for events and projects.

## **EDUCATION**

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### **UNIVERSITAS GADJAH MADA (2021 - 2025)**

Bachelor of Pharmacy - GPA 3.42

### **UNIVERSITAS GADJAH MADA (2025 - 2026)**

Pharmacist Professional Program - GPA 3.89

## **SKILLS**

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### Technical Skills

- Analytical Method Development & Validation
- Pharmaceutical Product Evaluation
- Process Validation Documentation
- QTPP, CQA, CPP/KPP Analysis & FMEA Risk Assessment
- Data Analysis (Minitab)
- Analytical Instrumentation: HPLC, UV-Vis, AAS, GC-FID

### Soft Skills

- Problem Solving
- Analytical Thinking
- Teamwork
- Communication
- Project Coordination