



Muhammad Fahrul Rizal

(25 y.o)

Apothecary

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PROFILE

A registered pharmacist from Universitas Indonesia which works as Quality Assurance Trend Evaluator and Pharmacovigilance Supervisor in PT Guardian Pharmatama, Citeureup, Bogor Regency during two years 4 months since August 2023. Experienced as a Quality Control intern student in PT. Darya Varia Laboratoria and experienced to get training about Quality Control with score 100/100. Familiar with scientific writing and public speaking. Got the title of Most Outstanding Student in Scientific Category of Pharmacy's bachelor UI 2022 and Best Third Most Outstanding Student of Pharmacy's bachelor UI 2021. Highly self-discipline, detail, and competitive.

EXPERIENCES

PT GUARDIAN PHARMATAMA – Citeureup, Indonesia

QA Trend Evaluator and Pharmacovigilance Supervisor (August 2023 - now)

- Supervised +200 product quality review report by 3 personnel (2024) & by 5 personnel (2025) in a Trend Evaluator Team.
- In trending review year of 2024, monitored batch appears, batch which is in Product Delivery Note (PDN), and batch input in PQR Worksheet by PQR staff in every product in every month as reference to schedule of making & review PQR next year. After that, in trending is changed from year-to-year to be month-to-month period in December 2025, monitored all products which will be reported in 2026 by seeing batch appears together with risk prioritization of products by continuous improvement process, deviations, change with impact of variation registration, and product history for scheduling of making PQR next year.
- Helped QA Manager to apply continuous Product Quality Review's Improvement from audit's results and scientific based and helped QA Manager to response consultation's email from all departments about PQR recommendations.
- Making database of +500 recommendations of product quality review which is not meet the requirements by memo. Monitored and Followed up of PQR recommendations to all departments in the beginning of every month until "Closed" together with Quantified "Closed" and "Open" recommendations.
- Collected and Checked the data about characteristics and trend of all batch every year from Formula & Batch Size, Raw Material, Packaging Material, HVAC, Production, Quality Control, Deviations, Change Controls, Process Validation, Analysis Method Validation & Transfer, Stability, Registration, and Statistical Performance Analysis.
- Made a team focused on several improvement, such as from Excel Database for obtaining PQR data easily, Poka Yoke for making PQR Report with a little error, PQR report from hardcopy circulation system to softcopy circulation system, recommendation memo given from softcopy (scan) & hardcopy to be only softcopy, until Excel Formula for Quantification.
- Revised PQR Standard Operating Procedures (SOP) by input statistics (for the first time), updated Indonesian Good Manufacturing Practice (GMP) 2024, documented improvement in softcopy PQR circulation, until input improvement of several PQR data for review.
- Faced internal audit from Solid Production Manager (March 2024), internal audit from Analysis Research & Development Manager (September 2024), internal audit from Solid Formulation R&D Manager (March 2025), internal audit from R&D Manager (October 2025), until external audit from Badan Pengawas Obat dan Makanan (BPOM) in June 2024, Unimex in December 2024, Maturity Level & GMP Resertification from BPOM in September 2025.
- Helped to recruit a Trend Evaluator Inspector which entered in March 2024 and a Trend Evaluator Supervisor which entered in March 2025.
- To be a Pharmacovigilance Trainer for four times, in 18th of July 2024, 22nd of October 2024, 1st of February 2025, and 22nd of April 2025. Reported the non-serious adverse event once every 6 months and studied about Pharmacovigilance from Pharmacovigilance Forum.
- Got the certification of
 - a. Pharmacovigilance Training with post test score 100/100 and evaluation score 100/100.
 - b. Halal Assurance System Training with post test score 100/100 and evaluation score 90/100.
 - c. ISO 9001: 2015 Training with post test score 95/100 and evaluation score 85/100.
 - d. Good Manufacturing Practice on Cosmetics with post test score 90/100 and evaluation score 85/100

- e. Good Manufacturing Practice on Medicine & Herbal in Laboratory and Office with post test score 100/100 and evaluation score 90/100
- f. Sterile Production with post test score 100/100 and evaluation score 100/100
- g. Quality Control with post test score 100/100 and evaluation score 100/100
- h. Quality Risk Management (QRM) with post test score 100/100 and evaluation score 90/100
- i. Leadership with post test score 100/100 and evaluation score 100/100
- j. Auditor Training for Supplier Audit with post test score 100/100 and evaluation score 100/100
- k. Self-Worth Aspect & Self-Esteem for Building Respectful Workplace with post test score 100/100 and evaluation score 100/100
- l. CDOB, CPOB & CPOTB Advance: Warehouse with post test score 90/100 and evaluation score 100/100
- m. Deviation Program with post test score 100/100 and evaluation score 100/100
- n. Change Control with post test score 100/100 and evaluation score 100/100
- o. Bioequivalence Test Procedure with post test score 100/100 and evaluation score 100/100
- p. Halal Product Assurance System with post test score 100/100 and evaluation score 100/100
- q. Documentation with post test score 100/100 and evaluation score 100/100

PUSKESMAS KECAMATAN JATINEGARA – East Jakarta, Indonesia

Pharmacist Intern (May 2023)

- Resulted apothecary internship report about "Patient Education on Common Cold Self-Medication Management with Leaflet for the Period of May 2023".
- Studied and discussed about pharmaceutical care in Puskesmas Kecamatan Jatinegara, Puskesmas Kelurahan Cipinang Muara, Puskesmas Kelurahan Cipinang Besar Utara, and pharmacy warehouse such as vaccine warehouse, drug warehouse, and medical devices warehouse.
- Dispensed +100 drugs from +100 receipts, prepared +20 medical devices, and checked the quantity, batch number, and expired date from +50 drug items.
- Dispensed +5 glasses of methadone syrup and educated +50 patients about DAGUSIBU.

UNIVERSITAS INDONESIA HOSPITAL – Depok, Indonesia

Pharmacist Intern (March 2023 – April 2023)

- Resulted apothecary internship report about "Clinical Audit of Drug-Resistant Tuberculosis Patients for the Period of March – April 2023"
- Studied and discussed about technical instructions from many departments like Emergency Installation Pharmacy, Inpatient Pharmacy, Production Pharmacy, Hospital Warehouse, Central Sterile Supply Department, Surgical Pharmacy, Outpatient Pharmacy, and Intensive Care Unit Pharmacy.
- Reconstituted +10 sterile drugs like ranitidine, omeprazole, ketorolac and drug reconciliation to +10 patients at Emergency Installation Pharmacy.
- Unit dose dispensed +100 injection and solid drugs at Inpatient Pharmacy.
- Individual receipt dispensed +100 drugs and educated +5 patients at Outpatient Pharmacy.
- Prepared +20 etiquettes for sterile drugs and concocting +200 capsules at Production Pharmacy.
- Prepared +5 packages for surgery in Operatie Kamer Pharmacy.
- Prepared +50 drugs and medical consumables in Hospital Warehouse.
- Restocked +100 items and floor stocking +50 items for pharmacy in Hospital Warehouse.
- Folded +50 gauzes 7 cm x 8 cm and 10 cm x 10 cm, washing +30 dental and surgical tools, and prepared +50 pouches of sterile tools in Central Sterile Supply Department.
- Gave +10 drugs to nurses by One Dose Dispensing in Intensive Care Unit Pharmacy.

ROXY PHARMACY DEPOK – Depok, Indonesia

Pharmacist Intern (February 2023)

- Resulted apothecary internship report about "Analysis of Side Effects and Drug Interactions in Poly pharmaceutical Prescriptions for the Period of February 2023"
- Studied about technical instructions in Roxy drugstore and discussing with our preceptor.
- Knew about +3000 drugs based on drug category and suitability between system and manual quantity by calculating for stock opname and day stock, until saving drugs which are transferred by distributor.
- Dispensed +30 drugs (by recipe or not) by taking drugs, asking for check the suitability then making signature, making etiquette (if by recipe), compounding (if by recipe and compounding is required), and preparing to cashier.
- Screened +30 recipes by filling recipe assessment form, patient therapy note form, and drug information service form.

PT ENSEVAL PUTERA MEGATRADING TBK – Cikarang Pusat, Indonesia

Quality Assurance Intern (January 2023)

- Resulted apothecary internship report about "Optimization of Ice Gel 6 Frozen and 4 Freeze-4 Cooled Configurations Inside Polyurethane Insulated Container for Shipping Products Under 25°C".
- Updated +50 expired date of temperature data logger battery.
- Checked the suitability from +100 shiplist number in hardcopy and shiplist number in listpicking, revising the error shiplist number based on good documentation practice.
- Studied about many departments in Enseval Putera Megatrading, such as Quality Assurance, Warehouse, General Affair, Administration, and Transportation.

PT DARYA-VARIA LABORATORIA TBK – Gunung Putri, Indonesia

Quality Control Intern (October 2022 – December 2022)

- Resulted apothecary internship report about "Study Protocol of Holding Time *Purified Water* in Carboy 2022".
- Made Study Protocol about Risk Assessment of Potential Elemental Impurities in Imuned Syrup together with questionnaire.
- Made Study Protocol about "Analytical Method Verification Organic Impurities Determination in Chlorpheniramine Maleate Using HPLC" and "Analytical Method Verification of Chlorpheniramine Maleate Assay Using HPLC".
- Compared 95 and 99 percentile from Tracking Alert and Action Limit of many microbiology testing by excel with Minitab and Scientific Calculator.
- Compared +150 raw material specification from Procedure Operating Standard of Darya Varia and Compendial as United States Pharmacopeia, British Pharmacopeia, Farmakope Indonesia, or European Pharmacopeia.
- Studied about many departments in Darya-Varia Laboratoria, such as Research and Development, Health, Safety, and Environment, Raw Material Warehouse, Quality Control, Engineering, Production, Technical Services, Quality Assurance, Packing, and Packaging Material Warehouse.

IKATAN DUTA BAHASA DKI JAKARTA – Jakarta, Indonesia

Internal Development Staff (February 2022 – February 2023)

- Focusing on 7 programs, such as PDKT, Appreciation and Support System, Resonansi, Musyawarah Besar, RAT, Upgrading, and Makrab.
- Helping and coordinating 7 programs with 3 other staffs and 1 manager, especially in every meeting.
- Connecting 24 people divided into 5 departments for every program.
- As master of ceremony Grand Opening Ikatan Duta Bahasa DKI Jakarta, Grand Opening Penyuluhan Kebahasaan, and Musyawarah Besar.
- Joined Penyuluhan Kebahasaan bagi Duta Bahasa in national level for 13 days and 8 materials.
- As talent acquisition manager of Peragaan Kata dan Busana for 2 master of ceremonies, 2 performers, 8 women artists, and 8 men artists in 2 weeks.
- As project officer of Merintis Karya bersama Ikadubas for 1 speaker, 1 moderator, and 18 participants in 1 day of webinar and 2 days of training.

UNIVERSITAS INDONESIA ACHIEVEMENT COMMUNITY – Depok, Indonesia

HR Vice Manager (January 2021 – December 2021)

- Recruited 22 staffs from 5 divisions (Post College, Project, Creative Media Design, Training and Competition, and Human Resources) in 12 days.
- Helped and coordinated 8 programs of Human Resources with Manager, especially in every meeting.
- Followed up 4 staffs to focus on Human Resources programs.
- Contributed as Speaker of UIACerita, Mentor of competition training, Moderator of Sekolah Mapres, Moderator of PC Week, Moderator of UIAC Talks, Moderator of Siap Mapres, and Moderator of WorkshoProject.
- Awarded as a person who joining the most competitions among UIAC's functionalist, around nine competitions in 2020 – 2021.
- Awarded as a best manager of the year as Vice Manager in 2021.

SYIAR ISLAM FARMASI – Depok, Indonesia

Ilmy Staff (January 2020 – December 2020)

- Contributed to make content and caption from “Do Yo Know” poster.
- Contributed as Tutor of Physical Pharmacy and Organic Chemistry for around 10-15 students on Brainstorm.
- Contributed as Religion Mentor of Studi Islam Farmasi for around 5-6 students, Head of Musabaqah Fahmil Qur'an for 4 participants.
- Awarded as a best staff of Ilmy in the first semester with GPA 3.54/4.00.
- As master of ceremony Jaulah Eksternal Syifa FFUI-Pharmaunpad.

EDUCATION

INSTITUT TEKNOLOGI BANDUNG (2024 – Now)

Master of Industrial Pharmacy – GPA 3.73/4.00 (On going)

UNIVERSITAS INDONESIA (2022 - 2023)

Apothecary – GPA 3.78/4.00 (Cumlaude)

UNIVERSITAS INDONESIA (2018 - 2022)

Bachelor of Pharmacy – GPA 3.51/4.00 (Cumlaude)

LEADERSHIP AND ACTIVITIES

- Speaker of Upgrading Syiar Islam Farmasi, 2025, by Syifa FFUI
- Jury of Essay Competition Ocean Xperience, 2025, by BEM FPIK IPB
- Speaker of Virtual SEP about Pharmacovigilance to Overcome Global Health Issue, 2025, by BEM FFUI
- Professional Mentor of Research and Innovation, 2025, by Science Hunter Indonesia (SHI)
- Mentor of Scientific Writings in IPB Outstanding Scholars platform, 2025, by IPB University
- Jury of Islamic Fair Essay Competitions, 2024, by SYIFA FFUI
- Speaker of Scientific Writings Workshop, 2024, by IKAMI SULSEL Cabang Surabaya
- Mentor of Career Preparation, 2024, by Deals Jobs
- Tutor of Cardiovascular System Module, 2024, by Syiar Islam Farmasi
- Mentor of Scientific Writings in IPB Outstanding Scholars platform, 2023, by IPB University
- Speaker of Bincang Sejawat about "Beyond the Limit: Gali Potensi Kreatif Fresh Graduate di Dunia Kerja", 2023, Sejawat Sukses
- Speaker of National Webinar about Tips and Trick Menang Lomba Karya Tulis Ilmiah, 2023, by BEM Fakultas Ilmu Kesehatan Universitas Citra Bangsa
- Tutor of Endocrine and Reproduction System Module, 2023, by Syiar Islam Farmasi
- Tutor of Clinical Pharmacy, 2023, by STIKES Bhakti Husada Mulia
- Jury of Essay Competition, 2023, by Olimpiade Ilmiah Mahasiswa FFUI
- Staff of Event, 2023, by Apothecary Oath for Pharmacy Students Batch 95
- Creative Team Member of ObatApps, 2022, by Obat Inovasi Indonesia
- Mentor of International Istanbul Youth Summit, 2022, by Youth Break the Boundaries Foundation
- Jury of Student's Essay Competition, 2022, by Pharmacy Festival UI
- Speaker of Kecek-Kecek Himafasi about Tips Sukses Seleksi Apoteker, 2022, by Himpunan Mahasiswa S1 Farmasi Universitas Bengkulu
- Speaker about Mengembangkan Diri dari Internal & Eksternal, 2022, by Sajalade Universitas Sari Mulia Banjarmasin
- Speaker of Seminar Program Kreativitas Mahasiswa (PKM), 2022, by BEM Fasilkom UI
- Speaker about Ulik Tuntas Seputar Jurusan Farmasi, 2022, by Sejuta Prestasi
- Speaker about Penumbuhan Jiwa Berprestasi, 2022, by PSAMabim FFUI
- Mentor of Science Non-Fiction, 2022, by Lenterasi
- Mentor of Sekolah Mapres, 2022, by UIAC
- Mentor of We Contribute, 2022, by UIAC
- Jury of Essay Competition, 2022, by Olimpiade Ilmiah Mahasiswa FFUI
- Staff of Event & Competition, 2021, by Open House FFUI Volume 2
- Jury of Essay Competition, 2021, by Pekan Kreativitas Mahasiswa UIN Raden Fatah
- Jury of Student's Essay Competition, 2021, by Pharmacy Festival UI
- Speaker about Bagaimana Meramu Kata hingga Menuai Karya, 2021, by Bicara Bisa
- Speaker about Karya Tulis Ilmiah Mahasiswa Berprestasi, 2021, by Sekolah Mapres FFUI
- Speaker about Karya Tulis Ilmiah, 2021, by Club KTI Himafar Universitas Pakuan
- Photo Opinion Author “Transisi Hitam-Putih Dunia Perkuliahan”, 2021, by Suara Mahasiswa UI

- Speaker about Kupas Tuntas Polemik Penggunaan Ivermectin Sebagai Obat COVID-19 dari Sudut Pandang Kastrad & Keilmuan, 2021, by Dipronesia Talk ISMAFARSI Priangan
- Speaker about Mengukir Prestasi di Lingkungan Akademis, 2021, by Camakara Official
- Opinion Author “Vaksinasi dari Sudut Pandang Mahasiswa”, 2021, by Suara Mahasiswa UI
- Public Speaking Class Participant, 2021, by Bicara Bisa
- Public Speaking Class Participant, 2021, by National Skill Development Program BUMI Scholar
- Podcast Class Participant, 2021, by Siberkreasi
- Digital Literacy Class Participant, 2021, by Siberkreasi
- Outstanding Student Class Participant, 2021, by Jago Preventif #2
- Project Officer of Administrasi dan Manajemen Organisasi Training, 2020, by Markas Belajar Indonesia
- Curriculum Vitae and Interview Class Participant, 2020, by MentorkU
- Coordinator of Mentor Team, 2020, by Orientasi Kehidupan Kampus (OKK) UI
- Clinical Skill and Poster Design Class Participant, 2019, by Road to PIMFI
- Campus Tour Guide, 2019, by Bedah Kampus UI
- Mentor, 2019, by Orientasi Kehidupan Kampus (OKK) UI

ACHIEVEMENT

- Finalist of Poster Presentation Seminar Nasional Farmasi 2025 in **HMPF ITB**
- Bronze Medal Finalist of Paper and Poster Competition at 2024 in **INTERNATIONAL YOUTH SUMMIT**
- Runner up of Career Inspirator Apothecary at 2024 in **ISMAFARSI X IYPG GLOBAL AWARD**
- Awardee of achievement scholarship at 2022 in **IKATAN ALUMNI MAHASISWA FFUI**
- Best Participant at 2022 in **PHARMACY CAREER TALK FARMASI UI**
- Second Place of Individual Essay Competition at 2022 in **PHARMACEUTICAL COMPETITION OF BANI SALEH**
- Third Place of Code for Health Hackathon at 2022 in **INTERNATIONAL PHARMACEUTICAL STUDENT FEDERATION**
- Second Place of Best Team and First Place of Best Participation at 2022 in **SMART CLASS ISMAFARSI**
- Third Place of Best Participation at 2022 in **YOUTH EDUCATION SUMMIT BUMI SCHOLAR**
- First Place of Most Outstanding Student at Academic at 2022 in **JABODELATA AWARDS**
- The Best Group of Speaker at 2022 in **BICARA BISA**
- The Best Group of Brand Ambassador at 2022 in **FOODIEWELL**
- First Place of Pharmacy Outstanding Student At Scientific at 2022 in **FAKULTAS FARMASI UNIVERSITAS INDONESIA**
- Third Place of Group Essay Competition at 2022 in **FESTIVAL JABODELATA**
- Second Place of Group Clinical Skill Event at 2022 in **INTERNATIONAL PHARMACEUTICAL STUDENT FEDERATION APRO**
- Fifth Place of Best Most Outstanding Student at 2022 in **ISMAFARSI AWARDS**
- The Best +1 Achievement in LinkedIn at 2021 in **SALAM UNIVERSITAS INDONESIA**
- First Place of Best Participant at 2021 in **POST-COLLEGE FESTIVAL SALAM UI**
- Third Place of Group PKM-GT at 2021 in **OLIMPIADE ILMIAH MAHASISWA UI**
- Top Nine Finalist of International Student Conference at 2021 in **INTERNATIONAL PHARMACEUTICAL STUDENT FEDERATION UNIVERSITAS PADJAJARAN**
- Top Ten Finalist of Online Escape Room 2021 in **INTERNATIONAL PHARMACEUTICAL STUDENT FEDERATION UNIVERSITAS INDONESIA**
- First Place of Group Industrial Skill Event at 2021 in **INTERNATIONAL PHARMACEUTICAL STUDENT FEDERATION INTERREGIONAL**
- The Best Mentor at 2021 in **STUDI ISLAM FARMASI UNIVERSITAS INDONESIA**
- Top 40 Finalists of Duta Bahasa at 2021 in **DKI JAKARTA**
- First Place of Individual Scientific Essay at 2021 in **HUT FARMASI POLTEKKES KEMENKES II JAKARTA**
- The Best Participant at 2021 in **WEBINAR GENRE BKKBN LAMPUNG**
- The Best Participant at 2021 in **SEKOLAH MENTOR SYIAR ISLAM FARMASI UNIVERSITAS INDONESIA**
- Second Place of Individual Scientific Essay at 2021 in **OLIMPIADE ILMIAH MAHASISWA FARMASI UNIVERSITAS INDONESIA**
- Third Place of Best Most Outstanding Student at 2021 in **FAKULTAS FARMASI UNIVERSITAS INDONESIA**
- Third Place of Individual Poetry Writing at 2021 in **MARKAS BELAJAR INDONESIA**
- First Place of Individual Scientific Essay at 2020 in **PHARMACY FESTIVAL UNIVERSITAS INDONESIA**
- First Place of Group Scientific Paper at 2020 in **SEDATIF JURUSAN FARMASI UNIVERSITAS BRAWIJAYA**
- Second Place of Best Most Outstanding Student at 2020 in **SIAP MAPRES UNIVERSITAS INDONESIA ACHIEVEMENT COMMUNITY**
- Top Eight Finalist Team of Business Competition at 2020 in **AECTION VOCATIONAL SCHOOL IPB UNIVERSITY**

- Top Ten Finalist Team of Scientific Paper at 2020 in **UBIQUINON IPB UNIVERSITY**
- First Place of Individual Essay at 2020 in **UNIVERSITAS INDONESIA FILM FESTIVAL**
- First Place of Individual Essay at 2020 in **ISLAMIC FAIR FAKULTAS FARMASI UNIVERSITAS INDONESIA**
- Third Place of Individual Scientific Essay at 2020 in **INDONESIAN ECOLOGY EXPO IPB UNIVERSITY**
- Best Team of PKM-KC for Kemendikbud Funding at 2020 in **UNIVERSITAS INDONESIA**
- First Place of Individual Essay at 2019 in **ISLAMIC FAIR FAKULTAS FARMASI UNIVERSITAS INDONESIA**
- Third Place of Individual Scientific Paper at 2019 in **PHARMACOVENT UNIVERSITAS PROF DR HAMKA**
- Top Ten Finalist of Individual Essay at 2018 in **UNIVERSITAS INDONESIA ACHIEVEMNT COMMUNITY**
- Top Fifteen Finalist of Couple Case Study Competition at 2018 in **UNIVERSITAS INDONESIA ACHIEVEMNT COMMUNITY**
- The Best Individual "Independence Day" Essay at 2018 in **BADAN EKSEKUTIF MAHASISWA FF UI**