

RAFIQA RISKY EFENDI

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SUMMARY

Bachelor of Pharmacy currently completing the Professional Pharmacist Program, with hands-on experience in pharmaceutical research and development and pharmaceutical manufacturing, particularly in qualification and validation activities. Experienced in laboratory operations, analytical techniques, scientific documentation, and GMP/CPOB practices. Possesses strong analytical thinking, attention to detail, problem-solving, and effective communication skills, with the ability to collaborate effectively in multidisciplinary teams.

EDUCATION

University of Jember Jember, IND
Apothecary Student, GPA : 3.97/4.00 2025-2026

University of Jember Jember, IND
Bachelor of Pharmacy, GPA: 3.64 /4.00 2021-2025
Thesis : “*Ex Vivo* and *In Silico* Studies of Methanol Extract of Kluwek Leaves (*Pangium edule* Reinw.) as an Antimalarial Agent”-- Collaborated with BRIN (Badan Riset dan Inovasi Nasional)

WORK EXPERIENCES

Technical Services Intern - Pfizer Jakarta March-April 2026

- Prepared qualification and validation protocols, and supporting documentation in accordance with GMP, CPOB, and applicable GSOPs
- Executed and supported on-site qualification and validation activities, including laboratory equipment qualification, process validation for semi-solid products, and cleaning validation for liquid and solid products.
- Collected, compiled, reviewed, and analyzed qualification and validation data to support the preparation of final reports
- Reviewed and updated laboratory equipment operating SOPs (e.g pH meters and Particle Size Analyzer)
- Developed preventive maintenance forms and executing troubleshooting for qualified equipment (e.g Autoclave and Paticle size analyzer)
- Mapped laboratory equipment requiring requalification following relocation
- Manage monitoring of calibration status for more than 10 measuring instruments
- Performed and managed computerized system validation report (e.g audit trail, password change, user accedd, configuration review)
- Performed trend analysis of environmental and process-related data using Minitab and supported the preparation of Continuous Process Verification (CPV) reports to monitor process performance and product quality.
- Performed troubleshooting of qualified laboratory equipment, including autoclave and Particle Size Analyzer, by identifying potential issues, evaluating equipment performance, and supporting corrective actions.
- Implemented 5S principles for qualification and validation document archives
- Analyzed qualification, validation, and process monitoring data to support evaluation of process performance and product quality.
- Participated in change control implementation related to qualification and validation activities while maintaining compliance with the pharmaceutical quality system.

Research Assistant in Drug Utilization dan Reasearch Discovery Group (DUDRG) Nov 2023 - Jun 2026

- Collected, managed, and interpreted experimental data to support ongoing research projects (e.g antimalaria project, sampling project, data mining project, and book chapter)
- Conducted literature review and experimental design for pharmaceutical and natural product research projects.
- Performed laboratory analysis using HPLC, UV-Vis Spectrophotometry, GC-MS, ELISA Reader, and molecular docking software.
- Collected, analyzed, and interpreted analytical data to support scientific publications, research reports, and product development studies.
- Prepared scientific reports, laboratory documentation, and research manuscripts while maintaining laboratory quality standards.
- Collaborated with multidisciplinary teams to develop research methodologies and improve analytical workflows.

Workshop Facilitator in Molecular Docking

- Created and delivered easy-to-follow materials on molecular docking, covering basic concepts, software utilization (e.g., AutoDock), and result interpretation. - Provided hands-on training and guidance for undergraduate participants.	Aug 2025
Tutor asisstant Lecturer of Liquid and Semisolid Dosage Forms Technology	
- Assisted and guided students in practical sessions on pre formulation of liquid and semisolid dosage forms, including syrups, lotions, and gels. - Provided hands-on training in handling laboratory equipment for dosage form testing, such as pH meter, viscometer, and dissolution tester.	Aug 2024 - July 2025
Determination of Total Phenolics and Flavonoids Assay for Research Project	
Collaborated with team and conducted total phenolic and flavonoid content analysis of plant extracts using spectrofotometri UV-VIS methods.	July 2025
Tutor asisstant Lecturer of Medicinal Chemistry	
- Assisted and guided students in practical sessions on medicinal chemistry, including the use of drug discovery software (e.g., Molegro) - Provided hands-on training in performing Chromatography (TLC, HPLC) and handling related laboratory equipment for compound analysis.	Feb-Jun 2025
Co-Facilitator in Managerial Workshop for Lecturers of the Faculty of Pharmacy, University of Jember.	
Assisted participants in hands-on practice with management tools (e.g., EndNote and Google Calendar).	April 2025
Antioxidant Activity Assay for Business Project	
Collaborated with team and contributed to antioxidant activity testing for business services using three methods (e.g., DPPH, FRAP, and ABTS assays).	July 2024

SKILL AND OTHERS

Hard Skills	: Microsoft Office (Word, Excel, PowerPoint, Teams); Managerial Tools (Notion, Google Calendar); Analytical Instruments (GC-MS, UV-Vis Spectrophotometry, ELISA Reader, TLC Reader, HPLC); Managerial Tools (Notion, Google Calendar); Minitab
Soft Skills	: Analytical thinking, attention to detail, data analysis, problem solving, communication, writing skill teamwork, creative thinking, adaptability, and time management
Language	: Bahasa Indonesia (Native), English (Active; TOEFL Score : 593)
Certification	Fondation of GMP : Validation – USP Fondation of GMP : Data Integrity and Computer System Validation – USP : Cara Pembuatan Kosmetik yang Baik (CPKB) – Latih Quality Assurance dan Quality Control di Industri Farmasi- Ioda Academy

PROJECT AND ACHIEVEMENT

Publication : Phytochemistry, In vivo evaluation and In silico study of the anticancer-active fraction of Bajakah : <i>Spatholobus littoris</i> Hassk. (Tropical Journal of natural product Research)	July 2026
Patent : Radiosintesis senyawa 3,5-Dihidroxybenzoic acid dengan iodium-131 (submitted)	Jul 2026
Book Chapter Co-author, Springer Nature (Submitted)	
Co-authored a book chapter on Radiopharmaceuticals in collaboration with lecturers from the Faculty of Pharmacy, University of Jember	June 2026
1st Place, Women’s Basketball Competition, organized by Fassenden UKMO, Faculty of Pharmacy, University of Jember	Nov 2023
2nd Place, Health Poster Competition, held by Faculty of Pharmacy, University of Jember (Dies Natalis)	May 2023

ORGANIZATION

Internal Manager - Drug Utilization and Discovery Research Group	
Managed recruitment members, workshops, and annual planning for the Drug Utilization and Discovery Research Group (DUDRG).	Nov 2023- Nov 2024
Finance Team for Sport Competition-FASSENDEN	
Responsible for managing funds, budgeting, and coordinating financial activities with the team.	Nov 2023
Social Media Team - Drug Utilization and Discovery Research Group	
Published multiple research, managerial, and laboratory activity articles on the DUDRG website	Feb 2022- Feb 2023
Public Relation Team in Pharmaceutical Competition of Jember University (POLYMER)	

- Collaborated with team and achieved 151 participant competition and 20 media partners

Aug 2022

