

RAFIQA RISKY EFENDI

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SUMMARY

Pharmacist with hands-on experience in pharmaceutical industry, analytical laboratory, and research activities. Experienced in laboratory testing, sample preparation, analytical method development, equipment qualification, validation activities, data analysis, and result interpretation. Skilled in HPLC, GC-MS, UV-Vis spectrophotometry, ELISA, TLC, Disolution tester and other analytical techniques, with experience supporting pharmaceutical quality and research projects. Contributed to 3 scientific publications and research projects involving in vitro, in silico, ex vivo and analytical studies. Detail-oriented, analytical, and systematic, with strong problem-solving and cross-functional collaboration skills. Eager to contribute to accurate, reliable, and compliant laboratory testing and research activities within the pharmaceutical industry.

EDUCATION

Professional Apothecary | Universitas Jember

Aug 2025 - Aug 2026

- GPA: 3.97 / 4.00

Bachelor of Pharmacy | Universitas Jember

Jul 2021 - Jul 2025

- GPA: 3.64 / 4.00

Thesis : Ex Vivo and In Silico Studies of Methanol Extract of Kluwek Leaves (*Pangium edule* Reinw.) as an Antimalarial Agent – Collaborated with BRIN

Research grant : Phytochemistry, In vitro evaluation and In silico study of the anticancer-active fraction of Bajakah: *Spatholobus littoralis* Hassk. – Collaborated with BRIN

WORK EXPERIENCE

Technical Services (Qualification & Validation) Intern | Pfizer Indonesia, Jakarta

Mar 2026 - Apr 2026

- Executed IQ/ OQ/ PQ for Particle Size Analyzer and Autoclave, including URS, specification and test method review, vendor coordination, documentation, and training; completed 3 OQ and 3 PQ runs with 100% success.
- Conducted PQ for a semisolid filling machine using DoE and data analysis; completed 3 PQ and 3 PV batches with 100% success.
- Conducted Process Validation for semisolid products using DoE and data analysis, evaluating Critical Process Parameters (CPP) and Critical Quality Attributes (CQA) across 3 consecutive validation batches, with all predefined acceptance criteria met.
- Executed Cleaning Validation for 2 manufacturing processes including risk assessment and PDE calculation, achieving 100% compliance with predefined acceptance criteria.
- Analyzed 3 months of Differential Pressure (DP) data using Minitab, confirming consistent trends with no OOT findings.
- Drafted Technical Risk Assessment (TRA) for NSL products by evaluating CPP/CMA impacts on CQA.
- Assisted CPV for 50+ commercial batches by trending process and quality data, with no OOT findings identified.
- Managed 1 year of Q&V documentation and developed an Excel dashboard, improving document tracking and ensuring completeness, traceability, and GMP compliance efficiency.

Pharmacist Intern | PT Enseval Putera Megatrading Tbk, Surabaya

Sep 2025 - Oct 2025

- Analyzed monthly temperature and humidity trends across 4+ storage areas using Excel, including statistical analysis and charting to monitor storage conditions.
- Performed temperature alarm verification by challenging sensors at low- and high-temperature points to confirm alarm sensitivity and response against predefined limits.
- Handled returns of 15+ products/ day, customer complaints, and product recalls in accordance with procedures to ensure product traceability and control.
- Reviewed 30+ purchase orders /day for compliance with applicable regulations and requirements
- Conducted 3 CAPA closures.

Research Assistant and Analyst | NugsLab, Jember

Mar 2024 - Aug 2025

- Developed and optimized analytical methods for sample testing using UV-Vis spectrophotometry, ELISA, HPLC, and TLC.
- Prepared project timelines and monitored the progress of testing activities to ensure timely completion.
- Monitored material availability and coordinated resource requirements to support testing activities according to project schedules.
- Coordinated weekly meetings and planned 5+ ongoing research projects, including testing activities, timelines, and resource requirements.
- Reviewed and analyzed testing data to identify inconsistencies, potential issues, and opportunities for further investigation.

Laboratory Assistant of Medicinal Chemistry | University of Jember, Jember

Jan 2025 - Aug 2025

- Supervised and assisted 100+ students in Medicinal Chemistry laboratory activities, covering computational studies, Good Laboratory Practice (GLP), and hands-on training in Thin-Layer Chromatography (TLC) and UV-Vis spectrophotometry, while ensuring proper laboratory procedures and safe equipment handling.

Laboratory Assistant of Pharmaceutical Industry | University of Jember, Jember

Jun 2024 - Jan 2025

- Supervised and assisted 50+ students in semisolid and liquid dosage form laboratories, covering preformulation studies, formulation development, preparation, and evaluation of pharmaceutical dosage forms (cream, lotio, gel and syrup), while ensuring proper laboratory procedures and documentation.

ORGANISATIONAL EXPERIENCE

Research Assistant | Drug Utilization and Discovery Research Group (DUDRG), Jember

Dec 2021 - Jun 2026

- Conducted literature and systematic reviews 2000+ journals, developed sample preparation and analytical methods, and performed experimental research and data analysis. Result: Successfully secured 4 out of 4 full research grants (100% success rate), contributing to scientific journal publications, a Springer book chapter, and a patent application for an isolated compound.
- Managed and planned ongoing research projects across multiple areas, including Lichen, Soil, Malaria, Worm, and Antibacterial projects, while coordinating research activities and timelines.
- Organized and facilitated workshops on Basic Research, Basic Laboratory Techniques, K3M, and Sampling Methods to support research team capability development.

SKILLS AND COURSES

Hard Skills	: Managerial Tools (Notion, Google Calendar, Microsoft Office, Google Workspace); Analytical Instruments (GC-MS, UV-Vis Spectrophotometry, ELISA Reader, TLC Reader, HPLC and other testing instrument in chemistry and pharmaceutical laboratory); Managerial Tools (Notion, Google Calendar); Data Analysis (Minitab, SPSS, Excel)
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)
Others	: ISO9001 – Alison (2026) ISO 17025 – Alison (2026) Good Laboratory Practice – Makin Ahli (2026) Foundation of GMP : Validation – USP (2026) Data Integrity and Computer System Validation – USP (2026) Cara Pembuatan Kosmetik yang Baik (CPKB) – Latih (2026) Quality Assurance dan Quality Control di Industri Farmasi- Ioda Academy (2026) Lean Six Sigma White Belt - Prodemy (2026) K3M in Laboratory (2024)

PROJECT AND ACHIEVEMENTS

- **Research Grant Projects** : Phytochemistry, In Vitro, and In Silico Study of the Anticancer active- fraction of Bajakah: *Stapholobus littoralis* Hask. (2026) : RIIM Competitive Funding, funded by the Indonesia Endowment Fund for Education (LPDP), Ministry of Finance of the Republic of Indonesia, and the National Research and Innovation Agency (BRIN).
- **Springer Nature Book Chapter Project** : Natural Product-Based Radiopharmaceuticals in Oncology (2026): Project Collaboration with the National Research and Innovation Agency (BRIN)
- **Projects : Patent** For Radiosynthesis senyawa 3,5-Dihidroxybenzoic acid dengan iodine-131 (2026): Project Collaboration with the National Research and Innovation Agency (BRIN)