

Kristania Atrix

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Pharmacist Professional Program candidate at the University of Indonesia with experience in pharmaceutical quality control, GMP compliance, analytical research, and team leadership. Experienced in laboratory testing, quality documentation, data analysis, and problem-solving through research and pharmaceutical industry exposure. Demonstrated leadership through coordinating a 103-member team across 6 schools. Strong in analytical thinking, communication, teamwork, and attention to detail, with a strong interest in pharmaceutical production.

Education

Pharmacist Professional Program, University of Indonesia **2025 – 2026**

GPA: 3.95/4.00 | UKOMNAS-PDPA Score: 92.50/100 (*Top 2 in cohort*) | Graduation pending

Relevant Courses: GMP, quality management, pharmacy regulation

Bachelor of Pharmacy, University of Indonesia **2021 – 2025**

GPA: 3.71/4.00 (*Ranked 9th in cohort*)

Relevant Courses: pharmaceutical technology, pharmaceutical analysis

Chemical Analyst, SMK – SMAK Bogor **2016 – 2020**

Relevant Courses: analytical chemistry, instrumental analysis

Selected Professional Experience

PT Kalbe Farma

Quality Control Intern (Stability)

November 2019 – February 2020

- Conducted physical and chemical quality testing of finished pharmaceutical products and stability samples using UV-Vis spectrophotometry and autotitrator, following established laboratory procedures and quality requirements

PT Saraswanti Indo Genetech

Quality Control Intern (Microbiology)

October 2020 – December 2020

- Performed microbiological quality testing, including coliform and *E. coli* testing, in accordance with established laboratory procedures and quality requirements.

PT Kalbio Global Medika

Pharmacist Intern

November – December 2025

- Supported GMP compliance through CAPA and internal audit documentation management, including organising and maintaining quality-related records
- Conducted gap analysis between EU GMP requirements and company SOPs, reviewing documentation to identify areas for alignment and improvement

RSUP Persahabatan

Pharmacist Intern

March – April 2026

- Conducted clinical case analysis with pharmacists, reviewing patient symptoms, laboratory results, and medication therapy to identify potential drug-related problems and develop evidence-based recommendations
- Analysed clinical information and participated in regular case discussions, strengthening analytical thinking and evidence-based problem solving

Research, Awards, and Selected Additional Experiences

Research

- **Undergraduate Research** (2025): Development and Validation of an LC-MS/MS Bioanalytical Method for Topiramate Quantification Using Volumetric Absorptive Microsampling (VAMS)
 - Developed and optimised an UHPLC-MS/MS analytical method through systematic evaluation of chromatographic conditions, mass spectrometric parameters, and sample preparation procedures
 - Performed analytical method validation, including calibration curve evaluation, accuracy, precision, matrix effect, recovery, and stability testing

Awards

- **5th International Conference on Pharmaceutical Sciences and Military Pharmacy** (2025): Best Oral Presentation Award, Pharmaceutical Chemistry Session
- **Olimpiade Ilmiah Mahasiswa FF UI** (2022): 1st Place, Critical Thinking Essay Competition

Additional experiences

- **Laboratory Assistant** (2025): Explained gas chromatography principles and instrument operation to undergraduate pharmacy students

Selected Leadership Experience

Gerakan Universitas Indonesia Mengajar

Staff of Educational Development GUIM 12 in Nganjuk, East Java **2022**
Director of Educational Development GUIM 13 in Pesawaran, Lampung **2023**
Project Officer GUIM 14 in Blora, Central Java **2024**

- Progressed through three leadership roles, culminating as Project Officer leading a 103-member volunteer team across 6 schools, coordinating programme implementation, timelines, and field activities

Pharcare in Kampung Panunggulan, Bogor

Director of Material Division **2023**

- Designed and coordinated interactive educational programmes for elementary school students, supporting programme planning and implementation across multiple activities

Academic Laboratory Experience

- Conducted pharmaceutical formulation and analytical testing practicals involving tablets, creams, and suspensions, including sample preparation and evaluation of physicochemical characteristics
- Performed analytical method verification by applying pharmacopeial analytical procedures and gained hands-on experience with HPLC, GC, UV-Vis, AAS, FTIR, Karl Fischer, dissolution tester, autotitrator, and others

Skills

Production & Quality

GMP & Quality Systems | Pharmaceutical Quality Control | Pharmaceutical Formulation & Testing | Quality Documentation | Analytical Problem-Solving

Leadership & Professional

Team Leadership & Coordination | Programme Planning & Implementation | Communication | Attention to Detail

Analytical Instruments

UHPLC-MS/MS | HPLC | GC | UV-Vis Spectrophotometer | AAS | Dissolution Tester | Autotitrator | FTIR | Karl Fischer

Pharmacopeial & Regulatory

Pharmacopeial References (FI, USP, BP) | ICH & EMA Guidelines | Analytical Specifications | Scientific Documentation

Software

Microsoft Excel | Microsoft Word | Microsoft PowerPoint