

APT. AISYA RAHMADANI HUMANINGAYU, S. FARM.

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Aisya Rahmadani is a licensed Apothecary and fasttrack Pharmacy graduate from Universitas Gadjah Mada with a professional background in formulation development. During her academic years, she was actively involved in lecturers' research projects and participated in multiple research competitions, resulting in several product developments. Through these experiences, she became familiar with research, formulation, stability testing, and structured formulation optimization. With strong analytical skills and hands on R&D experience, she is well prepared to contribute to the development.

Education Level

Universitas Gadjah Mada - D.I. Yogyakarta, Indonesia	Feb 2024 - Feb 2025
Apothecary, GPA 3,90/4,00	
Universitas Gadjah Mada - D.I. Yogyakarta, Indonesia	Aug 2020 - Nov 2023
Bachelor Degree in Pharmacy, GPA 3,68/4,00	
Several competitions, organization, committee, and leadership experiences (2021 - 2023)	
SMA Negeri 1 - Temanggung, Indonesia	Jul 2017 - May 2020
High School Diploma in Mathematics and Natural Sciences	
- Top three GPA score in Temanggung (2019) - Winner of MAFIO (Matematika Fisika Biologi) Olympiad (2018). Actively join Debate Competitions and various competitions (academic / nonacademic) (2017)	

Work Experience

Kalbe - Bekasi, Indonesia	Feb 2025 – Now
Formulation Technology Development Scientist / Supervisor at Research and Development Group	
- Developed a dual API coated solid oral formulation, significantly improving dissolution performance (f_2 increased from 28 to >50, with one profile achieving f_2 similarity = 96). - Led QbD based development of a fixed dose combination modified release oral dosage form, utilizing API specific coating technology for a diabetes therapy (2 SKUs). - Optimized lyophilized multivitamin formulation (12 actives substances) and freeze drying cycle. - Completed regulatory submission and commercial scale trials for mucoadhesive suspension dosage form (2 SKUs).	
Non Project Achievement	
- Developed standardized coating scale-up/down guidelines to improve process consistency. - Improved high shear granulation quality by refining workflows and endpoint control.	
Oneject - Bekasi, Indonesia	Aug 2024 – Nov 2024
Production and Project Intern	
- Conducted root cause analysis and improved the weighing system to address quantity loss in blister packing, including system upgrades, operator training, and the development of a weighing module. - Achievement: Successfully digitalize Batch Records and collaborated with Nanyang Technological University (NTU), Performed motion studies and redesigned workflows to enhance productivity and ensure ergonomic workstations.	
Farmasetika Department - Faculty of Pharmacy, Universitas Gadjah Mada	Jul 2022 - Dec 2023
Biopharmaceutical Laboratory Assistant	
Achievement: Successfully evaluated and provide analysis for over 200+ junior lab results, offering clear guidance and explanations to facilitate understanding.	
Sejawat Sukses - D.I. Yogyakarta, Indonesia	Mar 2022 - Feb 2025
Chief Executive Officer Analyst, Interim Chief Strategy, and Growth Officer	
Created ideas for niche marketing campaigns including use of social networks and viral marketing.	

- Achievement: Reduced monthly overhead by pushing marketing strategy to digital marketing optimization.
- Led 15–20 associates to manager-level team members in executing company and business strategies, while collaborating closely with other C-level leaders on strategic decision-making.

Gadjah Mada Career Festival - D.I. Yogyakarta, Indonesia

Feb 2022 - Dec 2023

President of External Affairs

- Led external affairs, managing partnerships with 36 national and international companies for a career festival attended by 6,754 participants.
 - Achievement: Secured sponsorships and partnerships, increasing the festival budget by 50%.
 - Facilitated 1,600+ networking interactions and job placements, improving participant career opportunities by 35%.

UMKMHebat.id - D.I. Yogyakarta, Indonesia

Feb 2022 - Dec 2023

Project Officer and Brand Specialist

- Directed and executed team to handle company's projects. Engaged multiple vendors and contractors to identify, design, develop, and resource customer requirements.
 - Achievement: Achieved 95% budget adherence and increased event attendance by 30% through social media outreach initiatives.

Project Research and Achievement Experiences

Awards winning project experiences

“Optimization Of Multi Balm Stick Formulation Of Sacha Inchi (Plukenetia Volubilis) Seed Oil As A Moisturizer And Antioxidant: Test For Antioxidant Activity Capturing DPPH Free Radicals and Test For Moisture Maintain”

The research was carried out to fulfill studies in achieving a bachelor's degree at the UGM Faculty of Pharmacy.

“The Miracle of Sea Microbes: Refreshing Moist Cleanser Formulation with Alteromonas Macleodii as Anti-Inflammatory and Skin Moisturizing”

Runner up Best Product by Innovation Academy Kampus Merdeka.

“Skin Buddy: The One Stop Solution Application Simplifying Skincare, by Facilitating Access to Skin Health for All Indonesian People”

Won the Business Case Competition. Skin Buddy, an integrated skincare application for skin analysis, education, active ingredient recommendations, and skincare marketplace, resulting in a functional product prototype.

“Formulation Study and Product Innovation of Natural Essential Oil Based Perfume”

Developed an award winning essential oil based natural perfume through formulation research, ingredient optimization and product innovation.

“SILVER-ROSE NANOPATCH: A Hydrogel Patch Incorporating Rosmarinus officinalis Nanotechnology and Silver Nanoparticles for Diabetic Ulcer Healing”

This research highlight the efficacy of Silver-Rose Nanopatch, sustained release broad contact for effective wound care.

“Inovasi Edible Straw Berbahan Dasar Kitosan dari Limbah Cangkang Kepiting”

Part of PKM 2022 (Program Kreativitas Mahasiswa)'s Project team, successfully passed the internal selection at UGM.

“eZChill: IoT-based ColdRoom Automation System”

1st Favorite International APL Sustainability Innovation Competition. Developed an IoT-based ColdRoom automation

“RELIT: Environmentally Friendly Batteries are Produced from Recycled Used Lithium-Ion Batteries”

Finalist International Hackathon by 180 Degrees Consulting UGM.

Professional Work Experiences- Kalbe

Existing Product Development : Reformulation of Paracetamol/Tramadol Film Coated Caplet, Multivitamin Powder Lyophilization

New Product Development : Sitagliptin / Metformin XR API Coated Caplet (2 SKUs), Promag Progerd Mukoadhesive Suspension

Organizational Experiences

Sumpah Apoteker - Faculty of Pharmacy, Universitas Gadjah Mada

Feb 2024 - Feb 2025

President

- Lead the planning, coordination, and execution of a dignified event, ensuring seamless integration of stakeholders, meticulous logistics management, celebrating the academic achievements of our graduating pharmacists.

BEM Farmasi UGM - D.I. Yogyakarta, Indonesia

Jan 2023 - Dec 2023

Vice President I / Coordinator of Internal

- Handled and supervised all departments under internal authority. Handled all internal activities of the organization.
 - Achievement: Successfully organized a Grand Launching attended by 52 UGM and national ISMAFARSI representatives with 500+ guests, and an Open House Festival with 200+ participants, delivering a well-managed expo and program flow.

Simaster Gadjah Mada - Universitas Gadjah Mada, Indonesia

Nov 2021 - Jan 2022

Coordinator of Event

- Coordinated high school skill development forums, SBMPTN tryout simulations and webinars, with UGM standards.
 - Achievement: Successfully organized National SBMPTN Tryout Simulation attended by 400+ students

Pharmacy Industrial Visit - Faculty of Pharmacy, Universitas Gadjah Mada

Nov 2022 - Feb 2023

Project Officer

- Conducted Established excellent relations with 15+ pharmaceutical industry to conduct UGM Industry Visits.
 - Achievement: successfully managed travel, logistics, accommodation, and team coordination for 200+ students.

Awards Received

Industrial, Business & Marketing Competition

1st Favorite International APL Sustainability Innovation (2024)
1st Favorite International Hackathon by 180 DC UGM (2022)
1st Winner National Business Plan Competition IAF IPB (2022)
Runner Up Best Pitch Desk of Business Marketing Competition(2022)
Runner Up National Business Competition Bioplasma Brawijaya (2023)
Runner Up Best Product of Innovative Academy (2022)
Best Speaker at National Business Competition Bioplasma Brawijaya (2023)
3rd Winner Business Case National Entrepreneur Fair (2022)
4th Winner National Business Case (2022)
Finalist National Entrepreneur Business Challenge Competition (2022)

Pharmacy Competition

1st Favorite International APL Sustainability Innovation (2024)
1st Favorite International Hackathon by 180 DC UGM (2022)
1st Winner / Best National Educational Video ANEPPI (2022)
1st Winner / Best National Educational Video FARMIND (2022)
1st Winner / Best National Educational Video PHECI (2022)
1st Winner / Pharmaceutical Educational Video POLYMER (2022)
Runner Up Best Product of Innovative Academy (2022)
Runner Up National Educational Video Psychedelic (2022)
Runner Up National Educational Video Annual Innovation (2022)

Organization

Master of Ceremony Gelanggang Expo UGM (2021)
Master of Ceremony HUT Gelanggang UGM (2021)
Master of Ceremony PORSENIGAMA Football UGM (2022)
Master of Ceremony Simaster UGM (2022)

Additional

1st Winner Action Plan at UGM (2020)
1st Winner Photography by Occupub (2020) Runner Up LCC Central Java (2019)
1st Winner Math Olympiad, Regional (2016-2017)
Debat Awards, Regional (2017)
Staff of the Year at BEM KMFA (2021)

Skills & Other Experience

- **Tools:** SPSS, Ms. Office, Google Workspace, Adobe
- **Languages:** Bahasa Indonesia (native proficiency), English (professional working proficiency).
- **Interest:** Formulation, Pharmacy Industry, Product Development, Continuous Improvement & Workplace Efficiency, Business & Market-Driven Projects, Stakeholder & Event Management, Management, and Personal Development.