

Nakia Rafanisa Fauzie

Bogor, West Java | 081291822683 | nakiara666@gmail.com | <http://linkedin.com/in/nakiarafanisa>

Chemistry graduate with practical laboratory experience, including analytical, synthetic, and research techniques. Skilled in problem-solving, teamwork, and maintaining high attention to detail. Highly motivated to grow and contribute in the chemical industry, applying scientific knowledge to drive innovative solutions and achieve impactful results.

Education

Diponegoro University – Semarang, Indonesia

(Aug 2021 - Aug 2025)

Bachelor's Degree in Chemistry, GPA 3.43

- Gained comprehensive laboratory experience across analytical, characterization, and synthetic techniques, with a focus on nanomaterial synthesis for final year project.
- Managed experiments efficiently, including resource allocation, timelines, and data recording.
- Collaborated on lab projects, strengthening teamwork, coordination, and problem-solving abilities.
- Final Project (2025) – “Synthesis of Carbon Quantum Dots (CQDs) from Watermelon Rind via Hydrothermal Method and Their Application as Fertilizer for Bok Choy in Hydroponic Media”.

SMAN 2 Gunung Putri – Bogor, Indonesia

(Aug 2018 - Apr 2021)

Science Major (Average Grade: 87.00)

Work Experience

Chemistry Dept., Universitas Diponegoro – Semarang, Indonesia

(Feb 2025 - Apr 2025)

Laboratory Teaching Assistant – Physical Chemistry (Solution Adsorption Experiments)

- Supported students in adsorption experiments, explaining concepts and ensuring precise experimental procedures.
- Prepared materials and coordinated lab activities, improving teamwork, problem-solving, and communication skills.

PT. SUCOFINDO – Bekasi, Indonesia

(Jan 2024 - Feb 2024)

Pharmaceutical Laboratory Analyst Assistant

- Conducted product analysis for cosmetics and pharmaceuticals, ensuring compliance with national certification standards.
- Assisted in testing pre-release products, maintaining accuracy, and documenting results meticulously.
- Collaborated with lab team to manage workflow and meet project deadlines efficiently.
- Developed transferable skills including attention to detail, problem-solving, communication, and teamwork.

Chemistry Dept., Universitas Diponegoro – Semarang, Indonesia

(Aug 2023 - Dec 2023)

Laboratory Teaching Assistant – Basic Chemistry I (Functional Group Introduction)

- Guided students in understanding functional groups and their chemical behavior, enhancing explanation and mentoring skills.
- Assisted in laboratory sessions, ensuring accurate procedures and safety compliance.

Organizational Experience

Chemistry Student Association (HMK) – Semarang, Indonesia

(Mar 2023 - Jan 2024)

Year Representative

- Monitored and evaluated the execution of HMK programs across internal divisions, identifying challenges and ensuring smooth implementation.
- Coordinated activities between divisions to maintain workflow and support program objectives.
- Developed transferable skills in teamwork, problem-solving, observation, and internal reporting.

Cation Cup – Semarang, Indonesia

(May 2023 - Oct 2023)

Fundraising Division Member

- Secured financial support and resources by identifying potential partners and executing professional sponsorship proposals.
- Developed and implemented creative fundraising initiatives to diversify the event's income streams and ensure budget sustainability.

Student Management Leadership Training – Semarang, Indonesia

(Aug 2022 – Sep 2022)

Liaison Officer Division Member

- Acted as the primary point of contact for participants, managing all inquiries and providing essential information regarding the event's schedule and regulations.
- Coordinated participant mobilization during the event to ensure all sessions started on time and followed the designated rundown.
- Facilitated communication between participants and the committee, ensuring all participant needs and feedback were addressed effectively.

Volunteer Experience

ENGin – Bogor, Indonesia (Remote)

(Apr 2026 – Present)

Conversation Partner Volunteer

- Supported Ukrainian learners in improving English communication through structured weekly one-on-one sessions.
- Facilitated cross-cultural communication with Ukrainian learners in a remote program, ensuring consistent participation and effective dialogue.
- Adapted communication approach to maintain clarity and engagement in a multicultural virtual environment.

Skills

- Soft Skill : Attention to detail, communication, time management, problem-solving, adaptability, team coordination
- Hard Skill : Laboratory techniques, SOP-based experimental execution, product analysis, laboratory safety compliance, data documentation & reporting, Microsoft Office (Word, Excel, PowerPoint), Google Workspace (Docs, Sheets), OriginLab, Canva.