

NADINE NAILA RAHMA

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Bachelor of Chemical Engineering graduate from Universitas Gadjah Mada with strong analytical and problem-solving skills, committed to continuous learning and professional development. Interested in supply chain, quality management, and process engineering, with a passion for applying engineering principles to improve operational performance. Adaptable, collaborative, and eager to contribute in a dynamic environment.

Education

Universitas Gadjah Mada – Yogyakarta, Indonesia

Aug 2022 - Jul 2026

Bachelor of Chemical Engineering, GPA: 3.59/4.00

- Conducted an academic research project titled "Optimization of Crystalline Nanocellulose Production from Sengon Sawdust using Kraft Process and Sulfuric Acid Hydrolysis".
- Completed a capstone plant design project titled "Preliminary Design of an Anthraquinone Plant from Benzene and Phthalic Anhydride with a Production Capacity of 40,000 Tons/Year".

Professional Experience

PT Kilang Pertamina Internasional RU IV – Cilacap, Indonesia

Oct 2025 - Nov 2025

Process Engineering Intern

- Evaluated the performance of the Jacket Water Cooler Heat Exchanger in the RFCC Utilities area.
- Analyzed operating data to assess heat transfer performance and equipment efficiency.
- Gained comprehensive understanding of utility systems supporting RFCC operations.
- Provided technical recommendations to enhance equipment reliability and process optimization.

Organizational Experience

BEM KMFT UGM

Apr 2024 - Mar 2025

Treasurer of Kementrian Hubungan dan Kerja Sama

- Developed annual budget plans for 10+ programs within the ministry.
- Managed financial documentation and processed payments.
- Monitored and reported cash flow activities.

Arjuna Electric Vehicle Team UGM

Mar 2024 - Dec 2024

Staff of Sponsorship and Public Relation Division

- Researched and approached potential sponsors aligned with Arjuna EV UGM's mission and target audience.
- Built strategic partnerships and maintained public relations to elevate Arjuna EV UGM's national and global presence.
- Developed detailed sponsorship proposals, including clear exposure metrics and benefit breakdowns.
- Established and sustained communication with sponsorship partners, ensuring consistent updates and responsiveness.
- Ensured fulfillment of all sponsorship agreements and deliverables from both parties.

Process Engineering Series of Events (POISE) UGM 2024

Mar 2024 - Nov 2024

Project Officer of Sponsorship

- Formulated sponsorship strategies and led a team to execute partnership outreach.
- Developed attractive sponsorship packages and maintained strong communication with partners.
- Secured collaborations with 9 companies, generating over IDR 130 million in funding.
- Ensured mutually beneficial engagements through strategic brand exposure and sponsor satisfaction.

BEM KMFT UGM

Apr 2023 - Mar 2024

Staff of Kementrian Sinergitas Mahasiswa

- Contributed actively to 80% of ministry activities, fostering synergy between internal parties of FT UGM.
- Built collaboration with BSO and FT UGM teams.
- Entrusted as a person in charge of Engineering Stage Event.
- Participated in 10+ work programs.

Teknik Fair UGM 2023

Jun 2023 - Nov 2023

Staff of Media Partner

- Collected data and information about media partners to promote Teknik Fair 2023.
- Built media collaborations with 13 partners to maximize outreach.
- Contacted and coordinated with media partners regarding agreed cooperation.

- Contributed to attracting 500+ participants by promoting the “Citra Anagata” theme through various media.

Process Engineering Series of Events (POISE) UGM 2023

Jun 2023 - Nov 2023

Staff of Operational and Decoration

- Handled technical preparations and ensured venue decoration aligned with event branding.
- Operated event logistics and contributed to enhancing participant experience through visual elements.
- Supported seamless event execution through responsive on-site operations.

Engineering Stage 2023

Apr 2023 - Aug 2023

Assistant Director of Wardrobe

- Coordinated with the director regarding the wardrobe concept.
- Designed and implemented wardrobe concepts for a theatrical performance with 1500+ student audience.
- Led the wardrobe team from conceptualization to material execution and final fitting.
- Ensured aesthetic coherence with stage direction and event theme.

PPSMB PIONIR GADJAH MADA

Mar 2023 - Aug 2023

Staff of Co-Fasilitator

- Mentored and supported 48 new students throughout the official UGM orientation program, attended by 10,000+ students.
- Delivered educational content and facilitated interactive class sessions.
- Ensured active participation and emotional support during the entire series of orientation events.
- Became a role model and close friend for new students.
- Coordinated with the materials division regarding the material that will be delivered to new students.
- Coordinated with the events division regarding event technical matters.

Honors & Awards

Top 20 Finalist National Essay Competition

PT Pemuda Berintegritas Indonesia

Innovation of Nanocellulose-Based Antimicrobial Film from Palm Oil Waste as a Solution to Reduce Food Waste in Indonesia.

Training & Certifications

Production Planning & Inventory Control (PPIC)

Ioda Academy

Master Production Schedule (MPS), Material Requirements Planning (MRP), Inventory Control, Production Scheduling.

Food Safety & Quality in Food Industry

Ioda Academy

Good Manufacturing Practices (GMP), Hazard Analysis and Critical Control Points (HACCP), ISO 22000, Food Safety Management Systems.

TOEFL ITP

ETS (Educational Testing Service)

Score: 517

Skills & Languages

- **Skills:** Data Analysis, Problem Solving, Process Improvement, Laboratory Techniques, Teamwork
- **Tools:** Microsoft Office, Microsoft Excel, Canva, Figma
- **Languages:** Indonesian (Native), English (Professional Proficiency)