



AUDI FIRISKI

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Indramayu, West Java, Indonesia

I am chemical engineering graduate from Pertamina University who is interested in the field of process engineer, manufacturing, research and development, quality control, administration, and environmental management. I also have a desire to continue learning to develop my skills and knowledge. I am confident that I can commit, talented to working on group, and establish good communication in order to get good opportunities for my future career and self-development.

Work Experiences

PT Kilang Pertamina International RU VI Balongan - Indramayu, West java, Indonesia

Jul 2024 - Aug 2024

Production Operator Intern

- Analyze Heat Exchanger Performance: on 31-E-107A/B in Naptha Processing Unit (NPU) including monitoring performance and identifying equipment that needs to be upgraded.
- Data Collection & Reporting: Collect 31 days of operational data, including pressure, temperature, and flow rate, to analyze heat exchanger efficiency using Microsoft Excel calculations.
- Operational Safety & Efficiency: Help maintain safety standards by maintaining 100% equipment safety and ensuring operational procedures are followed in high-risk environments.

Education Level

Pertamina University - South Jakarta, DKI Jakarta, Indonesia

Sep 2021 - Aug 2025

Bachelor of Chemical Engineering, 3.32/4.00

- Predicated: High Merit
- Thesis Title 2025: Synthesis And Characterisation Of Activated Carbon From Banana Peels Using H3PO4-KOH As An Activator For Supercapacitors.
- Actively participate in organizations, participate in volunteer activities, and regularly attend engineering and process webinars to improve competency.

SMA Negeri 1 Indramayu - Indramayu, West Java, Indonesia

Jul 2018 - May 2021

High School Diploma in Natural Science, 93.50/100.00

- Ranked among the top 10 graduates in overall academic achievement and consistently ranked at the top of the class, demonstrating consistency in learning and time management.
- An active member of the core extracurricular angklung music team, involved in preparing for school performances and competitions, and contributing to maintaining team cohesion and performance quality.

Organisational Experience

AICHe Universitas Pertamina Student Chapter - South Jakarta, DKI Jakarta, Indonesia

Aug 2023 - Aug 2024

Secretary

- Responsible for preparing and reviewing proposals, pre-event activity letters, and post-event accountability reports from 6 departments.
- Prepare monthly meeting minutes and record attendance of other members.
- Act as an intermediary between secretaries, members, and external parties by conveying official organisational information in a timely manner.
- Be one of the main parties responsible for the smooth flow of information within the organisation by managing the organisation's agenda and schedule of activities.

Heuricosmos Riset dan Karya Tulis Ilmiah Universitas Pertamina - South Jakarta, DKI Jakarta, Indonesia

Aug 2023 - Aug 2024

Staff of Social Media Management Division - Department of Creative Media

- Responsible for all Heuri Cosmos social media channels, including creating 26 templates for announcements and reminders of important dates, and producing activity accountability reports.
- Writing informative, interesting, or persuasive captions for Instagram posts, scheduling and uploading content according to the timeline.
- Developing creative ideas for posts and tailoring content to the target audience of 20 by responding to comments, messages, or questions from the audience to build interaction and keep the account active and lively.

Himpunan Mahasiswa Teknik Kimia (HMTK) Universitas Pertamina - South Jakarta, DKI Jakarta, Indonesia

Jul 2022 - Jul 2023

Secretary of ChE-Fest Department

- Assist the head of department in preparing work schedules and ensuring the administrative completeness of each event.
- Prepare proposals and activity accountability reports, draft several invitation letters for webinars and talk shows, and compile weekly

department meeting minutes for distribution to relevant members.

- Compile and manage incoming and outgoing correspondence addressed to the department.
- Act as an administrative liaison between the department and the general secretary.

Skills, Achievements & Other Experience

- **Projects:** Activated Carbon Supercapacitors Electrode Research (2025), Preliminary Plant Design Of Methanesulfonic Acid (MSA) From Methane And Sulfur Trioxide With A Capacity Of 29.000 Ton/Year (2024), Analyze Heat Exchanger Performance during internship (2024)
- **Hard Skills:** Process Analysis, Instrument Analysis (FTIR, SEM, XRD, BET), Microsoft Office Product (Word, Excel, PowerPoint, and Visio), AutoCAD, OriginLab, UniSim Design, and MATLAB.
- **Soft Skills:** Good Communication, Adaptable, Critical Thinking, Problem Solving, Responsible, Teamwork, Fast Learning, Leadership and Time-Management.
- **Certification:** Food Safety Training (GMP, HACCP, ISO 22000:2018, FSSC 22000 version 6.0) (2025), Quality Assurance (QA) and Quality Control (QC) Training in Food Industry (2025), and General AK3 Training (2025).