



AUDI FIRISKI

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Indramayu, West Java, Indonesia

Chemical Engineering graduate with industrial exposure in process operations and performance analysis, supported by hands-on experience in engineering projects and operational data evaluation. Equipped with knowledge of process engineering, quality management, and occupational health and safety. Possesses strong analytical and problem-solving abilities to identify improvement opportunities and support operational excellence in industrial environments. Effective in communicating and collaborating with cross-functional teams to achieve shared objectives in dynamic work settings.

Pengalaman Kerja

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

Jul 2024 - Aug 2024

Process Engineer Intern

- Conducted performance evaluation of Heat Exchanger 31-E-107A/B in the Naphtha Processing Unit (NPU) through operational data analysis and thermal efficiency calculations.
- Collected and analyzed 31 days of operational data, including temperature, pressure, and flow rate parameters, to evaluate heat exchanger performance.
- Identified performance gaps and provided recommendations for potential equipment improvement opportunities.
- Assisted refinery operations while complying with established safety procedures and operational standards in high-risk environments.

Jenjang Pendidikan

Pertamina University - South Jakarta, DKI Jakarta, Indonesia

Sep 2021 - Aug 2025

Bachelor of Chemical Engineering, 3.32/4.00

- Predicated: High Merit
- Thesis: Synthesis And Characterisation Of Activated Carbon From Banana Peels Using H3PO4-KOH As An Activator For Supercapacitors.

Pengalaman organisasi

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

Aug 2023 - Aug 2024

Secretary

- Managed organizational documentation, including proposals, official correspondence, and accountability reports across six departments.
- Organized meeting schedules, prepared minutes, and maintained administrative records to support organizational operations.
- Coordinated communication between members, management, and external stakeholders to ensure timely information flow.

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

- Created and managed 26+ social media publication materials to support organizational communication and event promotion.
- Developed content calendars, wrote captions, and scheduled posts to improve audience engagement and information dissemination.
- Collaborated with the creative media team to maintain consistent branding and increase audience interaction across social media platforms.

Himpunan Mahasiswa Teknik Kimia (HMTK) Universitas Pertamina - South Jakarta, DKI Jakarta, Indonesia Jul 2022 - Jul 2023

Secretary of ChE-Fest Department

- Supported planning and execution of departmental programs through administrative coordination and documentation management.
- Prepared proposals, official letters, accountability reports, and meeting minutes for departmental activities.
- Managed incoming and outgoing correspondence while ensuring document accuracy and completeness.

Keterampilan, Prestasi & pengalaman lain

- **Projects:** Activated Carbon Research for Supercapacitor Applications (2025), Methanesulfonic Acid (MSA) Plant Design Projcet (2024), and Heat Exchanger Performance Analysis (2024)
- **Hard Skills:** Laboratory & Characterization (FTIR, SEM, XRD, BET Surface Area Analysis), Process Engineering, Process Analysis, Quality Management, Process Safety Management, Microsoft Office (Word, Excel, PowerPoint, Visio), and Software & Data Analysis (AutoCAD, OriginLab, UniSim Design, Aspen Hysys, MATLAB).
- **Soft Skills:** Analytical Thinking, Problem Solving, Effective Communication, Teamwork, Leadership, Adaptability, and Time-Management.

- **Languages Skills:** Indonesian and English.
- **Certification:** AK3U KEMNAKER RI Certified (2026), Awareness Training Integrated Management System (IMS)-HSE: ISO 14001:2026, ISO 45001:2018, SMK3 PP No. 50 Tahun 2012 (2026), 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).