

ASKAR NASHIRUDIN ROSYID

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FRESH GRADUATE

SUMMARY

A Chemical Engineering Bachelor's degree graduate from Universitas Muhammadiyah Surakarta with experience as a laboratory assistant and an internship in water treatment. Proficient in basic knowledge of process simulation and control software (Aspen Hysys and GNU Octave). Possesses experience leading a student research organization. Interested in pursuing a career in the Chemical, Process, Oil and Gas.

WORK EXPERIENCE

Laboratory Assistant, Analytical Chemistry and Process Practicum **Des 2022 - Des 2023**

- Responsibility for the meticulous preparation and smooth execution of analytical and process chemistry practical sessions.
- Provided comprehensive guidance and support to undergraduate students in conducting experiments and performing data analysis.
- Conducted objective and insightful evaluations of student laboratory reports, contributing to their academic development.

Staff, Water Treatment Process Laboratory (Internship), Bukit Muria Jaya. Tbk **Aug 2023 - Sep 2023**

- Conducted daily analysis of process water samples, monitoring seven key water quality indicators to ensure operational efficiency and compliance.
 - Maintained a high level of accuracy (>98%) in the daily input of over seven laboratory reports, ensuring data integrity for critical decision-making.
 - Actively monitored and assessed ongoing processes in the field, contributing to the identification and resolution of operational issues.
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ORGANIZATION EXPERIENCE

Leader, KMTK Research Study UMS **Des 2022 - Des 2023**

- Effectively supervised the performance of research team members, consistently achieving a target success rate of 90% for project deliverables.
 - Cultivated strong and effective communication channels with faculty advisors, team members, and relevant external stakeholders to ensure project alignment and success.
 - Spearheaded the management of work programs and research initiatives for a team of 20 members, fostering a collaborative and productive environment.
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EDUCATION

Bachelor of Chemical Engineering **Aug 2020 - Feb 2025**

Muhammadiyah University of Surakarta

- Thesis Title " Preliminary Design of Gelatin Factory from Beef Bones with a capacity of 8,300 Tons/Year)".

PROJECT

Research Team Member, Faculty Research Collaboration

Des 2023 - Aug 2024

- Project Title“ Electrochemical Characterization Of Aluminum Electrodeposition From Choline Chloride / Ethylene Glycol Ionic Based Liquid”.

ADDITIONAL INFORMATION

- **Hard Skills** : Aspen Hysys, GNU Octave, Microsoft Office (Word, Excel, Power Point, Visio).
- **Soft Skills** : Leadership, Team working, Adaptif dan Komunikatif.
- **Bahasa**: Indonesia, inggris (basic).