

MIRANDA ANNISA ANWAR

Bachelor of Chemical Engineering – UPN "Veteran" Jawa Timur

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SUMMARY

Chemical Engineering graduate with a GPA of 3.77/4.00 and hands-on internship experience in laboratory analysis, quality control, and data evaluation within a manufacturing environment. Experienced in conducting physical and chemical testing, analyzing laboratory data, preparing technical reports, and ensuring compliance with Standard Operating Procedures (SOPs) and quality standards. Strong analytical and problem-solving skills, detail-oriented, eager to learn, and able to work independently as well as collaboratively. Proficient in Microsoft Excel and Microsoft Office for data analysis, reporting, and documentation.

EDUCATION

Universitas Pembangunan Nasional "Veteran" Jawa Timur

August 2021 – December 2025

Bachelor of Chemical Engineering (GPA 3.77/4.00)

Thesis: Enhancement of Glucose Levels from Sugarcane Bagasse through Ultrasonic-Assisted Enzymatic Hydrolysis for Bioethanol Precursors.

WORK EXPERIENCE

PT Semen Indonesia (Persero) Tbk

February 2024 – July 2024

R&D Laboratory Analyst Intern (MAGENTA BUMN) | Gresik, Indonesia

- Conducted physical and chemical analyses on 50+ laboratory samples per month while maintaining 100% compliance with laboratory SOPs and quality standards, ensuring accurate and reliable testing results.
- Analyzed and interpreted laboratory data to support quality evaluation, process improvement, and operational decision-making.
- Prepared, reviewed, and maintained laboratory reports, validated datasets, and documentation to ensure data accuracy, traceability, and audit readiness.
- Served as Acting Laboratory Analyst during a 2-week staff transition by coordinating daily laboratory activities and supervising vocational trainees to maintain operational continuity.
- Processed and summarized analytical data using Microsoft Excel while collaborating with cross-functional teams to support reporting and continuous improvement initiatives.

ORGANIZATIONAL EXPERIENCE

UKM Karate UPN Veteran Jawa Timur

August 2022 – September 2023

Secretary | East Java, Indonesia

- Managed organizational documents, filing systems, and administrative records to ensure documentation accuracy.
- Prepared official correspondence, meeting minutes, and administrative reports.
- Coordinated meetings and organizational activities while collaborating with committee members to ensure smooth event execution.

COMMITTEE AND VOLUNTARY EXPERIENCE

Kontes Kapal Cepat Tak Berawak (KKCTBN)

October 2022

Liaison Officer (LO) | East Java, Indonesia

- Coordinated logistics and communication for 10+ engineering teams, ensuring smooth execution of competition activities and timely resolution of participant inquiries.

LICENSES & CERTIFICATIONS

- **Occupational Health and Safety (K3) Training** - National Professional Certification Agency (BNSP) (March 2025).
- **AutoCAD Software Training** - Technical Drawing and Basic Engineering Design for Industrial Applications (November 2023).

SKILLS

- **Technical Skills:** Quality Control, Quality Assurance, Laboratory Analysis, Physical & Chemical Testing, Data Analysis, Sample Testing, Documentation Management, Report Preparation, Data Verification, SOP Compliance, Audit Support, Record Management.
- **Software Skills:** Microsoft Excel (Pivot Tables, Lookup Functions, Charts, Data Analysis), Microsoft Word, Microsoft PowerPoint, Microsoft Office Suite, Microsoft Visio, VMware, AutoCAD.
- **Soft Skills:** Analytical Thinking, Problem Solving, Attention to Detail, Communication, Teamwork, Collaboration, Time Management, Adaptability, Eager to Learn, Able to Work Independently.
- **Languages:** English (Professional Working Proficiency).