

DATI PUTRIARTI

CHEMICAL ENGINEERING - FRESH GRADUATE

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<https://www.linkedin.com/in/dati-putriarti-56386a282/> | South Tangerang

Fresh graduate of Chemical Engineering from Sultan Ageng Tirtayasa University with a GPA of 3.66. Has experience in analytical chemistry as a basic chemistry laboratory assistant and as an analyst at Agung Sedayu Group, as well as in engineering through work experience at Indonesia Power, Suralaya. Familiar with using Excel, Word, and PowerPoint. Has expertise in chemistry, analysis, checking, calculation, communication, teamwork, and accuracy. Ready to contribute in the field professionally.

Education

Sultan Ageng Tirtayasa University

GPA 3,66 / 4,00

2021 - 2025

- Factory Design: PRE-DESIGN OF POLYURETHANE FACTORY FROM METHYLENE DIPHENYL DIISOCYANATE (MDI) AND POLYTETRAMETHYLENE ETHER GLYCOL (POLYOL) USING ONE SHOT PROCESS WITH CAPACITY OF 25,000 TONS/YEAR
- Research: THE EFFECT OF CARBOXYMETHYL CELLULOSE CONCENTRATION RATIO ON POLYVINYL ALCOHOL-BASED HYDROGEL AS A SOIL MEDIA ON SANDY SOIL USING GAMMA IRRADIATION TECHNIQUE

Bogor Vocational High School of Chemical Analyst

Score : 88,78 / 100

2017 - 2021

Gravimetric, volumetric, microbiological, AAS, UV-VIS spectrophotometry, proximate analysis, GC and HPLC

Work Experience

WTP Analyst Agung Sedayu Group

October 2025 - Present

- Do to daily process water sampling
- Do to daily water analysis process and ensure that the water distributed complies with the standards of Permenkes No. 2 of 2023
- Do to a jar test to determine the optimal chemical treatment and dosages for the water treatment process
- Ensure and monitor the water treatment process runs optimally and efficiently
- Do to calibration and maintenance of laboratory instruments
- Collaborated with production operator to solve water quality issues, identify root causes, and implement corrective actions.
- Make the daily record reports and take corrective action on test results if its required
- Make a weekly reports and report to supervisor

Basic Chemistry Laboratory Assistant, Faculty of Engineering, UNTIRTA

2023-2025

- Assisting in the preparation and implementation of practicals/research
- Managing tools and materials, maintaining the cleanliness and safety of the lab
- Recording data and documentation, and assisting with administration related to laboratory activities
- Ensuring that all safety procedures are followed
- Providing guidance to practicum participants.

Internship

Indonesia Power, Suralaya

May 2024

- Calculating boiler efficiency

LABKESDA Tangerang, Tangerang

January 2021 - March 2021

- Do microbiological analysis on food samples from UMKMs in Tangerang.
- Do chemical analysis on food samples from UMKMs in Tangerang.
- Do water quality analysis on river water and company wastewater samples.

Organization

HIMATEMIA (2022-2024)

- Members of the Interests and Talents department are responsible for and serve as trainers for HIMATEMIA traditional dance.
- Members of the Information and Communications department manage social media accounts and disseminate information.
- Members of the DANUS division, involved in FORMASI 2023 and CHEMENG 2024 activities, raised funds.
- Members of the equipment division at LDKM 2023 provided the necessary equipment for the event.
- Members of the First Aid division at FORMASI 2024 ensured safety and minimized accidents and provided first aid.

PASUS (2017-2021)

- Becoming a troop that raises the red and white flag as well as being a trainer and supervisor.

OSIS of SMPN 3 South Tangerang (2014-2017)

- Seeking sponsorship for activities
- Helping run school cooperatives and assisting students who want to become entrepreneurs

Environmental Ambassador of SMPN 3 South Tangerang (2015-2017)

- Make the school environmentally friendly by keeping it clean and green

Certificate

- TOEFL by The Language Centre of Sultan Ageng Tirtayasa University
- Certificate ALL-ROUND LABORATORY TECHNICIAN by PT VAPRO Training Indonesia
- Certificate of Competency in Analytical Chemistry Level III Qualification by BNSP P-1 Professional Certification Institute SMAKBO

Skor : 450

May 2021

July 2021

Skills

SOFT SKILL

- Leadership: Able to lead and be led well.
- Teamwork: Good at working together individually and in a team.
- Time Management: Organizing time based on priorities.
- Problem Solving: Solving problems by first analyzing them, then finding the best solution through thought.

HARD SKILL

- Microsoft Office: Proficient in Word, Excel, and PowerPoint.
- Chemdraw: Create chemical structures and reaction mechanisms.
- Mathlab: Solve problems using Mathlab.
- Wondershare Edrawmax: Create P&ID.