

NALA AZZATUNNIDA

nalaazzatunn13@gmail.com | +62 85727101674 | www.linkedin.com/in/nalaazzatunnida | [Personal Portofolio](#)

I am a fresh graduate in Chemistry from Brawijaya University with laboratory experience in analytical testing, quality analysis, and scientific research through industrial internships, laboratory assistant roles, and research projects. Skilled in operating analytical instruments, performing sample preparation, method verification, data interpretation, and laboratory documentation while adhering to Good Laboratory Practices (GLP) and standardized laboratory procedures. Detail-oriented and committed to delivering accurate, reliable analytical results, with a strong interest in contributing to Quality Control operations in the pharmaceutical industry.

Brawijaya University – Malang, East Java

August 2021 – July 2025

Bachelor in Chemistry | Faculty of Mathematics and Natural Sciences | GPA 3.50 out of 4.00

- Winner of 8 national and international scientific competitions.
- Recipient of research funding for the 2023 PKM Dikti in the field of Exact Research (RE) from the Ministry of Education, Culture, Research, and Technology.

INTERNSHIP EXPERIENCES

PT Lautan Air Indonesia | Magang Kemnaker Batch 2

Water Lab Analyst Internship – Water Laboratorium

Nov 2025 – May 2026

- Conducted chemical and physical testing on WTP, WWTP, raw water, process water, and utility water samples in accordance with SNI standards.
- Performed multi-parameter testing on 40+ samples per week with consistent accuracy and efficiency; standardization and calibration; analyzed laboratory data using Microsoft Excel and documented results in work order reports.
- Carried out method verification testing for repeatability and reproducibility (Fe, basicity, Al_2O_3 , pH) for PAC ACH and HPL.

Laboratory Assistant Chemistry Departement| Brawijaya University

Analytical Chemistry Laboratory Assistant – Analytical Laboratorium

Feb 2025 – June 2025

- Designed and prepared lab entrance exam, weekly pre-tests, final practical test, understanding of physical and chemical reaction identification concept before and after each lab session.
- Instructed and guided 43 fourth-semester chemistry students in electrogravimetry experiments.
- Reviewed and graded weekly laboratory reports, providing detailed feedback to help students improve their data interpretation, scientific reasoning, and report writing skills.

Badan Perakitan dan Modernisasi Pertanian Pascapanen | Bogor, West Java

Laboratory Analyst Internship

July 2024 – August 2024

- Performed method optimization, instrument calibration, and interpretation of titration data from Kjeldahl method to validate the quantification of protein content.
- Conducted 15+ sample preparations and ethanol analyses on beverage products using GCMS instruments to ensure accurate results.
- Performed over 100+ samples and proximate test analysis in powder milk, starch, and biscuit, contributing to research on food safety and quality.
- Conducted over 20 tannin, moisture content in tobacco, and organoleptic tests on agricultural products.

Laboratory Assistant Chemistry Departement| Brawijaya University

Biochemistry Laboratory Assistant – Biochemistry Laboratorium

Feb 2024 – May 2024

- Coordinated practical classes, served as liaison between lecturer and lab assistants, and developed learning materials such as pre tests, assessment rubrics, and final exam concepts.
- Guided 29 chemistry students and assisted in laboratory experiments on topics including carbohydrates, lipids & vitamins, enzymes, proteins and amino acids, as well as the isolation and crystallization of lysozyme protein.
- Supervized lab activities, ensure safety compliance, and supported the implementation of good laboratory practices (GLP).

RESEARCH PROJECT

Pekan Wirausaha Mahasiswa UB | Brawijaya University

May 2023 – Dec 2023

- Lead marketing management for the business, focusing on sustainability and waste utilization, entitled CLARE – Sustainable Utilization of Clary Sage and Beeswax Waste for Eco-Friendly Aromatherapy Candles.
- Developed the Clare aromatherapy candle by repurposing beeswax waste.
- Acted as the main formulator during the trial-and-error process to create the final project.
- Promoted and successfully 65+ boxes of Clare Candle during a brawijaya and FMIPA Expo.

Funding for PKM DIKTI in the field of PKM-RE | Brawijaya University

July 2023 – Nov 2023

- Participated in a research project to determine the activity of MCF-7 breast cancer cells through in vitro and in silico approaches.
- Identified proapoptotic compounds in Chinese betel leaves via caspase-3 and -9 activation through mitochondrial apoptosis pathway; analyzed and interpreted data.
- Awarded Copyright Acquisition of Article on Chinese Betel Leaf Extract (*Peperomia pellucida*) as an Anticancer of MCF-7 Cells Through In Vitro Approach (EC00202392972) – Directorate General of Intellectual Property.

ORGANIZATIONAL ACTIVITY

HMK UB (Chemistry Student Association) | Brawijaya University

Feb 2022 – Dec 2022

Creative Economy Division Staff

- Managed and fulfilled the requirements of chemistry students and holding HMK UB organizational attributes.
- Coordinated and executed an Chemistry Entrepreneurship event from creative economy division.
- Successfully marketed and facilitating for 20 zoom rentals to 19 customers.
- Facilitated Turnitin plagiarism check services 66 times to 32 for students.
- Promoted and provided shopeepay balance top-up service 4 times to 2 customers.

COMPETITION EXPERIENCES

- 3rd Best Presentation Project International Youth Excursion Network Chapter 4 Kuala Lumpur, Malaysia – Indonesian Youth Excursion Network (IYEN) June 2024
- Second Winner of Einstein Great Event 5 – EINSTEN Student Activity Unit, Faculty of Engineering University of Jember June 2024
- Receive a Funding Grante Student Entrepreneurship Program Scheme (PMW) – Student Affairs Brawijaya University Oct 2023
- Gold Medalist of Indonesia International Invention Expo (IIIE) – Indonesian Young Scientist Association (IYSA) Aug 2023
- Receive a Funding Grante Student Creativity Program Scheme PKM-RE – Ministry of Education, Culture, Research and Technology Jun 2023
- Gold Medalist of Indonesia International Invention Competition for Young Moslem Scientist (IICYMS) – Indonesian Young Scientist Association (IYSA) May 2023
- 1st Place in Student Creativity Program Scheme PKM-RE – PKM Center Brawijaya University Feb 2022

CERTIFICATION/TRAINING

- **English Class Program of Chemistry** | Department Chemistry, Brawijaya University (2025)
- **Microsoft Office Dekstop Application** (Score : 83.3/100) | TRUST Training Partners (2025)
- **TOEFL ITP** (Score: 447)
- **GMP, HACCP, ISO 22000:2018, FSSC 22000 version 6.0, QA and QC in Food Industry** | Makin Ahli (2025)
- **Awareness Training Occupational Health & Safety Management System Based on SMK3 PP No 50 Tahun 2012 and ISO 45001:2018 Awareness Training Environmental Management System Based on ISO 14001:2015** | Makin Ahli (2025)
- **Good Cosmetic Manufacturing Practices** | Latih (2025)

SKILLS & LANGUAGES

Technical Skills:

- Microsoft Office: Word (Scientific writing, reporting), Excel (statistical data processing, including data plotting, ANOVA, PPT (Scientific Presentation)
- Analytical instrumentation (UV-Vis, FTIR, GCMS, Kjedaahl, Spectro HACH)
- Google Workspace (Docs, Slides, Sheets)
- Project Manajement tools (Notion)
- Design & Editing: Canva, Capcut, Adobe Illustrator, Figma

Soft Skills: critical thinking & problem solving, adaptability & continuous learning, leadership, time management, collaboration & teamwork, analytical thinking

Languages : Indonesian (Native), English (Intermediate)