



TALITHA ARCHIE CARISSA

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Yogyakarta, Indonesia

Talitha is a Bachelor of Science graduate in Chemistry from the Faculty of Science and Technology, Airlangga University. Have a strong understanding of chemical principles and hands-on experience operating various laboratory instruments, including UV-Vis Spectrophotometer, FTIR, pH meter, GC-MS, and ICP-OES. Skilled in conducting both qualitative and quantitative chemical analyses, demonstrates high attention to detail in performing tests and interpreting laboratory data

Work Experiences

Labinkimat TNI AL Surabaya - Surabaya

Jan 2024 - Feb 2024

Internship

- Conducted quality testing of multiple samples High Speed Diesel (HSD) based on ASTM standard methods by analyzing 5+ physical and chemical parameters including density, flash point, kinematic viscosity, color, and cetane index
- Performed impurity and metal composition analysis of Aluminium Anode (AA) and Zinc Anode (ZA) using ICP-OES to identify 6 elemental components such as Al, Cd, Cu, Fe, Pb, and Zn
- Processed analytical data according to US Military standards, converted results into percentage values, and prepared 10+ structured laboratory reports with accurate documentation

Airlangga University - Surabaya

Jan 2024 - Jul 2025

Lecture Assistant – Chemistry Laboratory Courses

- Assisted in supervising laboratory sessions for 30-40 undergraduate students, ensuring experiments followed standard procedures and laboratory safety protocols.
- Guided students in basic, qualitative, and quantitative analytical techniques, including sample preparation, precipitation reactions, flame tests, acid-base titration, redox titration, and concentration calculations.
- Evaluated 40+ laboratory reports, ensuring accuracy of experimental data, calculations, and interpretation of analytical results.

CV Archi Cakra Buana - Yogyakarta

Jan 2026 - Present

Project Administrative Assistant (Freelance)

- Managed attendance records and assisted in payroll recap and wage calculations for 20 project workers.
- Prepared monthly project billing reports and maintained records of receipts and financial transactions.
- Organized and maintained project documentation and administrative records using Microsoft Excel and Word to ensure accurate and accessible data.

Education Level

Airlangga University - Surabaya

Sep 2021 - Aug 2025

Bachelor of Science, 3.19/4.00

- Thesis: Fabrication of Polyethersulfone/Cellulose Nanocrystal (PES/CNC) Mixed Matrix Membrane Adsorbers from Water Hyacinth for Creatinine Removal

Organisational Experience

BLM (Badan Legislatif Mahasiswa) Faculty of Science and Technology - Surabaya

Mar 2022 - Jan 2023

Secretary

- Managed 10+ administrative documents, including proposals, reports, and official correspondence for faculty organizational activities.
- Prepared 3+ operational SOPs and coordinated internal organizational programs with committee members.
- Monitored and evaluated 5+ organizational programs, ensuring effective implementation and performance improvement.

Pemaba Kimia (Pengenalan Mahasiswa Baru) - Surabaya

May 2022 - Sep 2022

Specialized Staff

- Conducted monitoring and evaluation of orientation activities involving 100+ participants.
- Processed participant assessment data and documented evaluation results.
- Prepared structured evaluation reports and recommendations for program improvement.

MPK (Majelis Permusyawaratan Kelas) State Senior High School 7 - Yogyakarta

Jun 2019 - May 2020

Coordinator

- Led coordination and monitoring of OSIS work programs to ensure timely execution
- Conducted monthly evaluations through meetings and performance reviews
- Organized school events and facilitated communication between students and school management

Certification, Training, Skills & Other

- **Certification** (2025): Sertificate of Competency Conducting Research and Development from BNSP
- **Training** (2026): GC-MS, Microsoft Excel, ISO 9001:2015
- **Training** (2025): QC, QA, GMP, HACCP, FSSC 22000 Version 6.0, ISO 22000:2018
- **Training** (2023): Training on verification and validation of measurement methods, ISO 17025:2017, Laboratory K3
- **Laboratory Instruments**: UV-Vis Spectrophotometer, FTIR, ICP-OES, pH Meter, GC-MS
- **Technical Skills**: Qualitative and Quantitative Chemical Analysis, Volumetric Analysis (Titration), Preparation and Standardization of Chemical Solutions, Laboratory Testing and Sample Preparation, Chemical Data Analysis and Interpretation
- **Software Skills**: Microsoft Office (Word, Excel, PowerPoint), Origin, Google Workspace
- **Languages**: Indonesian (Native), English (Intermediate, ELPT Score: 467), Mandarin (basic), korea (basic)
- **Soft Skills**: Attention to Detail, Analytical Thinking, Time Management, Communication Skills, Teamwork, Problem Solving
- **Projects** (2022): Activity organizer "Webinar Mental Health"