

NATAN CHRIS SHERAFIDO

+62 87876674739 | natanchris13@gmail.com | [linkedin.com/natanchs](https://www.linkedin.com/in/natanchs) | natanchs.com

SUMMARY

Engineering graduate transitioning into Decarbonization Analyst, with hands-on experience in Scope 1 & 2 GHG accounting, activity data assessment, emission factor mapping, and emissions reconstruction & reduction analysis. Combines an engineering foundation with practical experience in data analysis, technical reporting, and project coordination, with a growing focus on energy efficiency, renewable energy integration, and decarbonization strategy. Seeking to contribute analytical and technical capabilities to corporate decarbonization, emissions reduction, and climate initiatives.

PROFESSIONAL EXPERIENCE

CV. Metro Sukses Berkarya – Malang, Indonesia Nov 2024 – Jul 2025

Assistant Site Supervisor (Contract)

- Inspected building electrical installations against technical drawings and standards, identifying and resolving installation issues through coordination with engineers and vendors.
- Led commissioning and troubleshooting for a 3-story residential building with 20 rooms, coordinating with engineers, vendors, and the owner to resolve technical issues.
- Prepared daily and weekly progress reports that accelerated stakeholder decision-making by 30% while maintaining safe work practices for a team of 24 engineers.

Office of International Affairs (OIA) UM – Malang, Indonesia Feb – Aug 2024

Coordinator of Internship

- Supervised 7 division coordinators and 40+ interns, serving as the daily communication link between divisions and the OIA Office.
- Analyzed workflow obstacles and proposed improvement strategies, contributing to a 20% increase in intern satisfaction and productivity.
- Organized monthly evaluations and reporting sessions to enhance task clarity, transparency, and performance monitoring.

PT PLN Nusantara Power – Surabaya, Indonesia Aug – Nov 2023

Technology & Development Intern

- Supported a study on biomass co-firing in fossil-fuel power generation, exploring the use of rice husk as a supplementary fuel for reducing fossil fuel dependency.
- Participated in a technical site visit to a 2,000+ MW combined-cycle power plant, including technical briefings and Q&A on plant operations.

Office of International Affairs (OIA) UM – Malang, Indonesia Jun 2023 – Feb 2024

Coordinator of Publication

- Developed and executed a 4-pillar content strategy within 6 months, providing structured direction for the media and publication team.
- Led cross-division communication and quality reviews to align publication outputs, ensuring accuracy, clarity, and consistency across deliverables.

Office of International Affairs (OIA) UM – Malang, Indonesia Sep 2022 – Jun 2023

Staff of Publication

- Optimized content quality through refined editing and scheduling strategies, reaching over 30,000 views on social media outputs.
- Produced and updated materials for social media, website, and newsletters, collaborating with senior members on content planning and audience engagement.

SELECTED PROJECT

Independent GHG Emissions Analysis — Unilever Indonesia Sustainability Report 2025

- Built an Excel-based reconstruction of Scope 1 and Scope 2 emissions from public activity data, documented emission factors, and explicit assumptions under an operational-control boundary.
- Compared reconstructed 2025 Scope 1 emissions of 8,097.31 tCO₂e with the company-reported 7,869.19 tCO₂e (2.90% difference), and tested sensitivity to the undisclosed fuel mix.
- Estimated 2025 location-based Scope 2 emissions of 97,889.80 tCO₂e using a disclosed historical JAMALI grid-factor proxy; assessed the conditions behind a zero market-based result and documented data-quality and comparability limits.

EDUCATION

Universitas Negeri Malang (UM) Sep 2020 – Nov 2024

Bachelor of Applied Engineering in Power Plant Engineering Technology

(GPA: 3.78/4.00)

- Thesis: Axial Generator Configuration Analysis Using ANSYS Electronics Software.

ORGANIZATION EXPERIENCE

Robotic Sharing Team – *Workshop Elektro (WSE) HMD TE UM* **Dec 2020 – Dec 2021**

- Organized and facilitated 12 Robotic Sharing Sessions as moderator and primary liaison between guest speakers and participants, ensuring smooth coordination and strong engagement.

Member – *Ikatan Mahasiswa Kediri (IKABRI) UM* **Sep 2020 – Jun 2021**

- Contributed to planning and executing orientation programs for new students, fostering supportive academic and social environments for students from Kediri at Universitas Negeri Malang.

VOLUNTEER EXPERIENCE

Coordinator of Transportation Division – *UM International Camp (UM iCamp)* **May 2023 – Aug 2024**

- Designed and executed comprehensive transportation plans for 140+ participants and staff across two international camp editions, ensuring smooth mobility, zero safety incidents, and 100% on-time execution.
- Coordinated 20+ certified drivers and oversaw budgets, vendor negotiations, and expense controls, achieving 15% cost savings while maintaining uninterrupted service and full operational coverage.

CERTIFICATES

- Occupational Safety and Health Inspector** – National Professional Certification Agency (BNSP) **Jan 2025**

COURSE

- Excel for Project Management** – LinkedIn Learning **Dec 2025**
- Climate Change: A Top ESG Concern** – LinkedIn Learning **Apr 2026**
- Introduction to ESG: Environmental, Social, and Governance** – LinkedIn Learning **Apr 2026**
- How to Start an ESG Program** – LinkedIn Learning **Apr 2026**
- Foundations of Geographic Information Systems (GIS)** – LinkedIn Learning **Apr 2026**
- ArcGIS Pro Essential Training** – LinkedIn Learning **Apr 2026**
- Carbon Accounting: GHG Emissions Calculation – Scope 1 & 2** – LinkedIn Learning **Aug 2026**

TECHNICAL SKILLS

- GHG Accounting & Emissions Analysis**
Scope 1 & 2 · Emission Factors · Activity Data · Emissions Reconstruction & Reduction Analysis · QA/QC
- Data Analysis & Reporting**
Microsoft Excel · Data Validation · Data Analysis · Technical Reporting
- Energy & Decarbonization**
Energy Efficiency Analysis · Renewable Energy Integration · Decarbonization Strategy Fundamentals
- ESG & Climate**
ESG & Climate Risk Fundamentals
- K3 Risk Management & Compliance**
Workplace Hazard Control · Safety Documentation

CORE PROFESSIONAL SKILLS

Analytical Problem Solving · Data-Driven Decision Support · Technical Communication & Reporting · Stakeholder Management · Cross-Functional Collaboration · Team Leadership & Coordination

LANGUAGE SKILL

- Indonesian (Native)
- English (Advanced)