# NATAN CHRIS SHERAFIDO

+62 87876674739 | Kediri, East Java | natanchris13@gmail.com | linkedin.com/in/natanchs | natanchs.com

## SUMMARY

Power plant engineering graduate (GPA 3.78) building a decarbonization career through independent corporate GHG work: a Scope 1–2 inventory reconstruction and a GRI 302/305 disclosure review of Unilever Indonesia. Experienced in activity-data and emission-factor mapping, QA and technical reporting, with a site-supervision and project-coordination background. Seeking GHG accounting and decarbonization analyst roles.

## SELECTED PROJECT

**Independent GHG Emissions Analysis** – Unilever Indonesia Sustainability Report 2025

- Reconstructed UNVR's 2023–2025 Scope 1–2 inventory in Excel from public disclosures under operational control (GHG Protocol, IPCC 2006, Kepmen ESDM 163/2021), with a source register, emission-factor library and 11 QA checks.
- 2025 Scope 1: 8,097.31 vs 7,869.19 tCO2e reported (+2.90%); a 10% light-fuel (HSD) stress case widens the gap to +5.74%.
- 2025 Scope 2 location-based: 97,889.80 tCO2 (CO2 only) using a 0.80 tCO2/MWh 2019 JAMALI proxy; market-based zero shown as conditional on I-REC evidence. The grid-factor choice moves the total by up to +8,565 tCO2e versus +224 for fuel mix, so the grid factor was prioritized over refining the fuel split.
- Recomputed UNVR's reported 94.34% reduction from its two published 2015 baselines (94.34% vs 93.75%) and flagged boundary changes (3 to 11 warehouses) that prevent attributing the whole decline to decarbonization.
- Traced selected GRI disclosures to company-report pages: 55 requirement reviews, 15 GRI 102/103 readiness questions and 10 evidence requests with closure criteria. Independent analysis; no conformity claim or assurance.

## PROFESSIONAL EXPERIENCE

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

*Assistant Site Supervisor (Contract)*

- Inspected building electrical installations against technical drawings, coordinating with engineers and vendors on site.
- Tested every socket, light and MCB with a multimeter and test pen before handover of a 3-story residential building with 20 rooms, coordinating with engineers, vendors, and the owner.
- Prepared daily and weekly progress reports that gave stakeholders timely site updates and supported faster site decisions, while monitoring safe work practices for 24 technicians.

**Office of International Affairs (OIA) UM** – Malang, Indonesia **Sep 2022 – Aug 2024**

*Staff of Publication → Coordinator of Publication → Coordinator of Internship*

- **Coordinator of Internship (Feb – Aug 2024):** Supervised 7 division coordinators and 40+ interns as daily liaison to the OIA Office; ran monthly evaluations and proposed workflow improvements, contributing to a 20% increase in intern satisfaction and productivity.
- **Coordinator of Publication (Jun 2023 – Feb 2024):** Developed and executed a 4-pillar content strategy within 6 months and led cross-division quality reviews of publication outputs.
- **Staff of Publication (Sep 2022 – Jun 2023):** Produced and edited social media, website and newsletter content (30,000+ views).

**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.

## 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.

## LEADERSHIP & 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.

**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.

## SKILLS & CERTIFICATIONS

- **Technical Skills:** GHG Accounting (Scope 1 & 2 Location- and Market-Based, GHG Protocol, IPCC 2006, Emission Factors, Activity Data, Emissions Reconstruction, Sensitivity Analysis, QA/QC), Data Analysis & Reporting (Microsoft Excel, Google Sheets, Data Validation, Technical Reporting), Energy (Energy-Balance Reconciliation, Biomass Co-firing Study Support), ESG & Climate (ESG & Climate Risk Fundamentals, Sustainability Reporting GRI 302/305, GRI 102/103 Readiness), 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.
- **Certification:** Occupational Safety and Health Inspector – National Professional Certification Agency (BNSP), Jan 2025.
- **Languages:** Indonesian (Native), English (B2 Upper Intermediate), German (Beginner).

## COURSES

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