



A. Nil Sensu

Technical Design Manager · Sustainability Specialist (M.Sc.)

+49 163 22 71 909 | Darmstadt-Dieburg | contact@nilsensu.com

www.nilsensu.com | linkedin.com/in/sensu

PROFESSIONAL OVERVIEW

Technical Design Manager and Sustainability Specialist with over 10 years of experience delivering large-scale infrastructure and hospitality projects. I focus on bridging design concepts with Green Building strategies and technical execution, specializing in stakeholder coordination and lifecycle efficiency. Ensuring compliance with US OBO, KfW, and LEED standards to drive technical quality and resource efficiency.

CORE COMPETENCIES

Technical Design Management | LEED & Green Building Compliance | Claude Code for Sustainability Reporting | US OBO & KfW Standards | Material Submittal Review | Resource Efficiency Strategy | Stakeholder Management | Value Engineering | Quality Assurance (QA/QC) | Shop Drawing Review | Risk Management | Microsoft Dynamics 365

PROFESSIONAL EXPERIENCE

Project Manager, Consultancy | GITEC-IGIP GmbH, Cologne

Oct.2023 – Oct.2025

- Acted as Technical Advisor for KfW-funded infrastructure, defining project scope, budget governance, and strict Environmental and Social Impact Assessment reporting compliance on behalf of the client.
- Managed technical interfaces between international planning offices and government agencies, reducing design-cycle delays through scope tracking.
- Administered project controls using Microsoft Dynamics 365, streamlining technical procurement, compliance reporting, and financial tracking.
- Monitored risk management for €10M+ developments, ensuring adherence to donor compliance standards and budget control.
- Led technical feasibility studies and proposal preparation for public sector infrastructure developments in Rwanda, Egypt, Malawi, and Uzbekistan.

Full-Time Academic Sabbatical, M.Sc. Resource Efficiency |
Hamburg HafenCity University, Germany

Oct.2019 – June 2023

- Focus: Dedicated period for advanced specialization in Resource Efficiency, Life Cycle Assessment (LCA), and Circular Economy.
- Thesis Project: "Carbon Storage Through Wood in Residential Buildings" – Analyzed material alternatives for carbon mitigation and energy efficiency strategies.

Deputy Project Engineer | Pernix Ronensans JV (Main Contactor), Uganda
US Embassy Kampala (~\$110M)

Mar.2018 – Dec.2018

- Managed the interface between architectural design and site execution, ensuring adherence to US OBO standards and LEED Gold requirements.
- Verified adherence to federal standards regarding material procurement, VOC limits, and waste management documentation.
- Managed the technical review of material data sheets and shop drawings to verify specification compliance before procurement.

Deputy Design Office Manager | IDA Construction (Main Contactor), Kazakhstan
St. Regis Hotel Astana (~\$180M)

Sept.2015 – Aug.2017

- Managed high-specification interior fit-out, adhering to operator brand standards (Starwood/Marriott) and BREEAM compliance targets.
- Supervised and coordinated a full-scale mock-up ensuring buildability and minimizing construction waste prior to mass execution.
- Co-led cost optimization for interior materials, achieving ~35% savings without compromising design intent or material performance benchmarks.
- Managed the approval workflow for subcontractor shop drawings and material submittals, ensuring timely reviews by client-side consultants (WATG).

Architect | Kolart Architectural Office, Türkiye

Aug.2011 – Aug.2015

- Delivered comprehensive shop drawing packages and façade detailing for US Embassy projects (Netherlands, Russia, Mauritania) in compliance with OBO standards.
- Supported quantity surveys and tender documentation for major aviation and port developments in Qatar and UAE.

**Further experience details and references are available upon request, focused on the key roles above.*

EDUCATION

M.Sc. Resource Efficiency in Architecture and Planning

Oct.2019 – June 2023

HafenCity University | Hamburg, Germany

M.Sc. Architectural Design

Oct.2010 – Mar.2014

Istanbul Technical University | Istanbul, Türkiye

B.Sc. Architecture

Jan.2004 – Jan.2010

Istanbul Technical University | Istanbul, Türkiye

TECHNICAL SKILLS

- **Sustainability & Critical Systems:** Claude Code for Sustainability Reporting, LEED v4 Concepts, Data Center Fundamentals, Green Building Strategies, Timber Construction (Research level), Circular Economy Principles.
- **Technical Compliance:** Shop Drawing Review, Material Submittal Management, Mission Critical Protocols, US OBO Standards, OBO & KfW Compliance, CSRD, Taxonomies, LCA.
- **Tools:** AutoCAD, Revit, Microsoft Dynamics 365, MS Office Suite, Claude Code.
- **Languages:** English (Fluent), German (B2), Turkish (Native).

CREDENTIALS, CERTIFICATIONS & TRAININGS

- » Kith Climate Cohort (6 weeks) - AI Claude Code for Sustainability Reporting, Becoming an Advanced User
- » LEED Green Associate
- » LEED AP BD+C - Candidate, Exam scheduled March 2026
- » Data Center Certified Associate (DCCA) – Schneider Electric
- » CSRD Fundamentals – CSRD Institute
- » Introduction to Sustainable Finance Taxonomies – GIZ
- » Construction Lifecycle Assessment Specialist – One Click LCA
- » FIDIC Conditions of contract
- » GenAI for Project Managers - PMI
- » Sustainable waste management - IGCS International workshop