

Professional Summary

Civil Engineer with 1.5+ years of experience on embassy, institutional, and residential projects. Delivered QA/QC systems and BIM coordination, contributing to ETB 20M cost savings and recovering approximately 60 calendar days on critical work fronts. Supervised site execution achieving over 95% weekly plan completion, under 3% rework, and 90% first-pass inspection acceptance. Experienced in Revit, Navisworks (4D coordination/clash detection), ETABS, and construction documentation workflows.

Education

Ambo University

Ambo, Ethiopia

Bachelor of Science (BSc), Civil Engineering — CGPA 3.34 / 4.00.

July 2024

- BSc Thesis: *The Effect of Aggregate Shape and Curing in Concrete Properties* (Grade: A+)
- Coursework: Structural Design; Bridge Design; Highway Engineering I–III; Integrated Civil Engineering Design; CAD; Numerical Methods

Experience

Cascata Contracting

Addis Ababa, Ethiopia

Site Engineer

June 2025 – January 2026

Project: Dutch Language School — Renovation of Tukul

- Reduced delays/labor costs by directing daily site execution, consistently achieving over 95% weekly plan completion against the schedule.
- Recovered 5–10 working days on the critical path by resequencing activities and optimizing lookahead schedules (1–2 weeks).
- Achieved 90% first-pass inspection acceptance by implementing rigorous QA/QC checklists for 10–15 weekly inspections.
- Ensured on-time client handover by actively managing the close-out workflow, raising & closing 40–80 punch-list items prior to deadlines.
- Reduced material waste and rework to under 3% by verifying deliverables against technical submittals.

Geom. Luigi Varnero Impresa Costruzioni

Addis Ababa, Ethiopia

Civil Engineer

August 2024 – June 2025

Project: Switzerland Embassy Project

- Contributed to ETB 20M in cost recovery by optimizing resource allocation and drastically cutting rework through proactive coordination.
- Recovered 60 days on critical work fronts by resolving multidisciplinary clashes (Civil–MEP) and streamlining construction sequencing.
- Accelerated NCR closure times to 2–6 weeks by managing the full NCR lifecycle (issue to closure) for 15–30 critical quality issues.
- Processed 12 civil/structural inspections weekly by establishing and leading a robust QA/QC system (ITP, checklists, NCR register).
- Facilitated successful structural handover of basement composite areas by driving punch-list closure rates over 90%.

Geom. Luigi Varnero Impresa Costruzioni

Addis Ababa, Ethiopia

Civil Engineering Intern

March 2022 – June 2023

Project: Lycée Guebre-Mariam Renovation and Expansion

- Recovered 15 working days by coordinating daily crew activities and implementing short-interval planning strategies.
- Improved approval speed by 2 days per cycle through meticulous maintenance of daily site reports and inspection checklists.
- Ensured 100% material accuracy for ordering by preparing precise BBS and Quantity Take-Offs (QTO) for 50–120 structural elements.
- Reduced repeat geotechnical testing by assisting with accurate sampling and documentation for CBR, compaction, and grain size tests.

JAMBO Construction Private Limited Co.

Addis Ababa, Ethiopia

Civil Engineering Intern

March 2021 – July 2021

Project: 2B+G+12 Apartment Building Real Estate Projects

- Ensured 100% design compliance for RC and blockwork activities through rigorous dimensional checks against AutoCAD drawings.
- Supported project team with documentation, progress tracking for the 2B+G+12 buildings, earning strong management recommendation.

Certifications & Training

- BIM-Structure (Revit Structure 2023)
 - BIM-Project Management (Navisworks Manage 2024)
- Autodesk Authorized Training Center, December 2023
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Technical skills

- Design & Analysis: ETABS, AutoCAD, Revit Structure, Civil 3D, MATLAB; Statistical Analysis (MS Excel, R, SPSS)
- BIM & Coordination: Revit, Navisworks Manage (4D, Clash Detection), BIM 360/ACC; BIM Workflows & Collab; Bluebeam Revu
- Construction QA/QC: Inspection Test Plans (ITP); Non-Conformance Report (NCR) Mgmt; Punch-list Mgmt; AISC/ACI/ASTM Standards
- Quantity Surveying: Quantity Take-Offs (QTO); Bar Bending Schedules (BBS); Bill of Quantities (BOQ) Prep
- Material & Geotech Testing: Soil & Aggregate Analysis (CBR, Compaction, Sieve); Concrete QC (Slump, Compression); Mix Design Review
- Project Control: Primavera P6 Basics; Daily/Weekly Progress Tracking; Look-Ahead Scheduling; Construction Docs; Site Supervision & Coord
- Standards & Compliance: Ethiopian Building Codes; International Building Code (IBC); HSE Protocols