



Ali Alwi Mohammed Ibrahim Bin Yehya

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Professional Summary

Civil Engineer with solid field and design experience in road and infrastructure projects across Hadramout and other Yemeni regions. Experienced in site supervision, historic building restoration, road design, quantity checks, tender documentation, surveying (Total Station), and quality control for earthworks, concrete and asphalt works. Skilled with Civil 3D, AutoCAD, ETABS, SAFE, and BIM workflows. Proven ability to manage contractors, prepare technical reports and ensure compliance with project specifications.

Work Experience

Supervisor Engineer — Office of Public Works & Roads, Wadi Hadramout and Desert (*January 2017 – 15 February 2025*)

- Assigned to the Road Department; prepared tender documents, performed surveying, reviewed road designs and followed up construction activities.
- Prepared bills of quantities and technical specifications; coordinated with contractors and local authorities on site execution and handover.
- Recognized for discipline, diligence and strong execution capacity.

Consulting Engineer — Road Design & Site Supervision (Freelance / Local Authority Projects) (*2024*)

- Designed rural access roads (e.g., 10 km in Shibam) and Wadi Sir road (20 km).
- Prepared alignment studies, cross-sections, pavement layer designs and drainage solutions; produced tender-ready drawings and quantity take-offs.

Consulting Engineer — Badrah–Al-Mashhad Road Completion (8 km) (*April 2023 – July 2023*)

- Consultant engineer for earthworks and asphalt works; reviewed and revised designs, supervised execution and staged handover processes.
- Documented delays and funding shortfalls which caused project suspension.

Assistant Engineer — Ras–Sah Road Completion (20 km) (*March 2020 – July 2023*)

- Assisted in site acceptance of earthworks, concrete and asphalt activities; monitored compaction tests and quantity records.
- Coordinated field testing and contractor work programs for phased deliveries.

Restoration Supervisor — Sayun Historic Palace (Restoration Project) (*2019 (6 months)*)

- Supervised the restoration works funded by the Local Authority of Wadi and Desert Hadramout; responsibilities included assessing and repairing structural and surface damages, and overseeing repainting and finishing works.
- Ensured preservation of historic fabric while applying appropriate repair techniques and materials; coordinated with conservation stakeholders and local craftsmen.

Consulting Engineer — Al-Aneen–Buruj Paving (11.5 km, dual carriageway) (*March 2019 – June 2020*)

- Provided engineering consultancy covering earthworks, pavement construction and design modifications to improve drainage and pavement performance.
- Conducted site inspections and prepared compliance reports.

Civil Engineer — Red Crescent Society, Hadramout Branch (Construction & Water Projects) (*January 2019 – December 2021*)

- Managed water network works: material reception, verification of excavation levels and supervision of installation methods.
- Delivered projects with satisfactory performance and professional conduct.

Site Supervisor — Technical & Vocational Institute Building, Sayun (*July 2018 – February 2019*)

- Supervised full construction cycle from foundations to finishes for a vocational training building delivered to the local authority.
- Controlled concrete works, structural elements and handover of completed stages.

Restoration Supervisor — Al-Falas Fort, Sayun (Restoration Project) (2020 (6 months))

- Supervised restoration works funded by the Local Authority of Wadi and Desert Hadramout; scope included repair of damaged masonry and finishes to restore the fort's structural integrity and appearance.
- Managed coordination between masons, conservation specialists and the funding authority to ensure works met agreed standards.

Civil Engineer (Consultant / Designer) — Various Local Road Designs (2020 (designs) & 2024 (designs))

- Designed Zamkh–Manukh road (40 km) and several village access roads; prepared alignment, profiles and pavement specifications.

Civil Engineer — Solar PV Foundations & Site Works (UNOPS projects) (Dec 2020 – Feb 2021)

- Supervised concrete roof tests and foundations for PV mounting structures across 7 and then 24 facilities; ensured foundations met structural loading requirements.

Consultant Engineer — Khabbayah Water Project (2020)

- Inspected delivered pipes, verified trench levels and supervised installation practices to ensure hydraulic performance.

Selected Projects

- Sayun Historic Palace restoration — Restoration Supervisor (2019, 6 months). Funded by: Local Authority of Wadi & Desert Hadramout.
- Al-Falas Fort restoration — Restoration Supervisor (2020, 6 months). Funded by: Local Authority of Wadi & Desert Hadramout.
- Technical & Vocational Institute Building, Sayun — Site Supervisor (Jul 2018 – Feb 2019).
- Al-Aneen–Buruj Road (11.5 km, dual) — Consulting Engineer (Mar 2019 – Jun 2020).
- Rasp–Sah Road (20 km) — Assistant Engineer (Mar 2020 – Jul 2023).
- Badrah–Al-Mashhad Road (8 km) — Consulting Engineer (Apr 2023 – Jul 2023; project stalled due to funding).
- Khabbayah Water Supply — Consulting Engineer (2020).
- Rural roads designs: Shibam (10 km), Zamkh–Manukh (40 km), Wadi Sir (20 km) — Designer/Consultant (2020 & 2024).
- UNOPS Solar PV foundations — Supervision for 7 facilities (Dec 2020) and 24 facilities (Jan–Feb 2021).

Education

BSc, Civil Engineering — Aden University, Yemen (2011 – 2016)

Certifications & Professional Courses

- Field Supervision & Construction Technology for Road Projects — Hadramout Training Directorate (03–07 Oct 2021) — 20 hours
- Road Design & Planning using Autodesk Civil 3D (05–30 Sep 2021) — 45 hours
- Project Life Cycle Management — American Council for Training & Entrepreneurship (Certificate No. Ac254)
- First Aid — Red Crescent (16–18 Feb 2019)
- Strategic Project Planning — Red Crescent & IFRC (01–03 Dec 2018)
- Tenders & Bidding Procedures — Administrative Research & Training (06–13 Nov 2017)
- BIM Structure — New Horizon Institute (11 Oct – 06 Nov 2016) — 50 hours (Excellent)
- CSI ETABS & SAFE — University of Science & Technology (Aden) / Consultancy Center (18–31 Dec 2016) — 30 hours (95%)
- Advanced Surveying (Total Station) — University of Hadramout / Kuwait Knowledge Station (21–27 Jul 2016) — 20 hours (Excellent)

Technical Skills

- AutoCAD 2D/3D, Autodesk Civil 3D, ETABS, SAFE, BIM tools
- Surveying (Total Station), site layout, level checks
- Preparation of tender documents & BOQs, quantity take-offs
- Quality control for earthworks, concrete & asphalt; compaction testing
- Project supervision, contractor coordination, technical reporting
- Historic building repairs and conservation-aware restoration supervision

Languages

- Arabic — Native (reading, writing, speaking)
- English — Good (reading & writing)

References

Available upon request.

This CV was formatted using the provided layout sample. All professional details are based on documents supplied by the applicant.

Currently residing in Saudi Arabia and available for immediate employment