

Ahmed Abdelrahman

Highly motivated Civil Engineer with 3 years of experience in middle eastern construction projects.

a.abdelrahman@nu.edu.eg

+966553698661

+201096501316

Sharma, Neom, Saudi Arabia

Education

- Nile University, Bachelors in Civil and Construction Engineering. (High Honors) (2022)
- Misr Language School. (IGCSE)

Work Experience

• **Al-Shalawi Int. Co., NEOM Interchange (1,2,3) project (September 2024-present)**

Site Engineer

- Managed cut and back-fill operations for the Ramps and roads.
- Oversaw the excavation, transportation, and compaction of earth materials.
- Oversaw and executed embankment, sub-grade, basecourse and asphalt works for roads and ramps.
- Managed and coordinated with concrete team for culverts and duct banks excavation
- Coordinated with crew members and equipment operators to ensure efficient earthwork operations.
- Scheduled and monitored work progress to meet project deadlines.

• **Al-Shalawi Int. Co., NEOM Spine earthworks WO#21 project. (November 2023-August 2024)**

Site Engineer

- Managed cut and back-fill operations for the spine and diversion road (Highway 55).
- Oversaw the excavation, transportation, and compaction of earth materials.
- Coordinated with crew members and equipment operators to ensure efficient earthwork operations.
- Scheduled and monitored work progress to meet project deadlines.

• **CRC Dorra, Badya Towers (September 2023-October 2023)**

Site Engineer

- Directly supervised concrete crews, ensuring proper placement, finishing, and curing techniques.
- Performed on-site batch inspections to verify concrete mix proportions matched project specifications.
- Conducted slump tests to ensure concrete workability met project requirements.
- Coordinated with batch plant to adjust concrete mix designs as needed based on site conditions.

- Calibrated and maintained concrete testing equipment for quality control.

• **CRC Dorra NewGiza University Phase 2**

(October 2022-August 2023)

Site Engineer

- Led and supervised crews responsible for various finishing works, including plastering, painting, ceilings, gypsum board, flooring, fire sealant, cladding, marble works, insulation, doors, and dental chair installation.
- Ensured effective communication and collaboration between different finishing trade subcontractors.
- Prepared and distributed detailed work schedules for finishing activities, ensuring timely completion within the overall project timeline.

Technical Skills

- *General:* organized- Insightful-analytical- collaboration-communication- Team work
- *Software:* AutoCAD, Primavera, Autodesk Revit, Insight360, MS office suite.
- *Technical Expertise:* Project Management- Finishing works- Construction material knowledge- Concrete work

Projects

- **Graduation Project 1 (Graduation Project)**
 - Created a 3D model using Autodesk Revit for energy performance analysis.
 - Utilized the Insight 360 plug-in to assess building power consumption.
 - Analyzed data to pinpoint key areas for energy efficiency improvement.
 - Proposed sustainable design modifications, including the optimal wall insulation material, to reduce the building's environmental impact
- **Graduation Project 2 (Graduation Project)**
 - Planned & scheduled New Giza University Phase 2 construction, ensuring adherence to civil engineering best practices.
 - Developed construction schedule considering sequencing, material deliveries, and labor needs.

- Created a detailed BOQ for materials (concrete, steel, etc.) for accurate cost estimation.
- Controlled project budget focusing on optimizing costs.
- Managed contracts with contractors, ensuring adherence to specs & quality standards.

Courses and certificates

- Project Management Diploma (PRMG) from AUC (3.95 CGPA):
 - Project planning and control techniques
 - Project bids and contracts
 - Project budgeting and financial control
 - Resources Management
 - Human resources management

- Risk Management
- Urban planning, real estate and infrastructure

Languages English (Fluent) - Arabic (Mother Tongue)