

Mohamed Ahmed Soliman

Civil Engineer

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Summary

Experienced Civil Engineer with over 10 years of expertise in leading and delivering large-scale construction projects across diverse sectors including **infrastructure, residential and commercial developments, industrial plants, and high-rise hospitality projects**. Proven ability to manage full project lifecycles, from initial planning and design coordination to site execution, quality control, and successful project handover. Adept at site management, stakeholder coordination, and multidisciplinary team leadership, ensuring compliance with international safety, quality, and environmental standards. Skilled in project budgeting, scheduling (Primavera P6, MS Project), and contract management, with hands-on experience collaborating with leading consultants and contractors (**KEO, AECOM, PETROJET**).

Technically proficient in **AutoCAD, Revit, and SAP2000**, with a strong focus on optimizing operational efficiency, solving complex site challenges, and delivering sustainable, high-quality outcomes. Committed to fostering a zero-incident safety culture and continuous improvement across project phases.

Work Experience



Site Manager | ALOSTOOL ALAALI | KEO Consultant

feb 2025 - present. 3 mon , riyadh

(NEW MURABBA | Design and construction of site access gates plot A and B at the New Murabba development)

Responsibilities:

- **Supervising Daily Operations:** Ensures that tasks are carried out according to plans and engineering drawings, while maintaining quality and adhering to timelines.
- **Managing Work Teams:** Oversees workers, contractors, and suppliers, assigns daily tasks, and organizes the workforce based on project needs.
- **Ensuring Legal Compliance:** Ensures the project complies with environmental, health, safety, and legal standards on-site.
- **Managing Equipment and Materials:** Ensures timely supply and efficient use of materials, and supervises the maintenance of construction equipment.
- **Monitoring Budget and Costs:** Tracks project costs, ensures adherence to the approved budget, and evaluates any necessary adjustments.
- **Communicating with Stakeholders:** Coordinates with architects, engineers, contractors, clients, and suppliers to ensure smooth project execution.
- **Monitoring Schedule:** Ensures the project stays on track with the timeline, addressing any delays or issues that could affect progress.
- **Problem Solving and Challenges:** Quickly resolves any issues that arise on-site (such as delays or conflicts between teams) to keep work on schedule.
- **Preparing Reports:** Regularly prepares reports on project progress and any issues that may need attention from senior management or clients.
- **Managing Health and Safety:** Ensures all workers adhere to safety protocols, keeping the site free from hazards and ensuring the well-being of everyone on-site.

Skills:

- **Site Management and Supervision. Construction Planning and Coordination.**
- **Subcontractor and Workforce Management. Material and Equipment Management**
- **Budget Monitoring and Cost Control. Schedule Management and Delay Mitigation**
- **Stakeholder Communication and Coordination (Consultants, Contractors, Suppliers)**
- **Problem Solving and Conflict Resolution on Site**
- **Health, Safety, and Environmental (HSE)**
- **Compliance Quality Assurance and Control (QA/QC)**
- **Risk Assessment and Incident Prevention**
- **Progress Reporting and Documentation**



Senior Site Structural Engineer | ALOSTOOL ALAALI | AECOM Consultant

Jan 2024 - feb 2025.1 yr | mon , Riyadh

Diriyah Gate Development Project (DGCL Client)

(Demolition Works in AL-Khuzama , North Of Riyadh)

Responsibilities:

- ·Conducting site assessments and planning for demolition.
- ·Monitor project progress and make adjustments as necessary.
- ·Implementing and monitoring safety protocols.
- ·Ensure compliance with safety regulations and permits.
- ·Supervise demolition crews and oversee the demolition process
- ·Operating various demolition equipment.
- ·Collaborate with architects, engineers, and contractors to ensure project specifications are met.
- ·Performing manual demolition tasks.
- ·Executing controlled demolitions for precision work.
- ·Managing debris and ensuring site clearance.
- ·Adhering to environmental protection standards.
- ·Leading and coordinating teams on-site.
- ·Maintaining accurate records and documentation.
- ·Engaging in continual learning and skill enhancement.

Skills:

- **Demolition Planning and Execution.Hazardous Materials Handling and Management**
- **Site Safety Compliance and Protocol Enforcement.Supervision of Demolition Crews and Equipment**
- **Controlled Demolition Techniques.**
- **Environmental Protection Compliance.**
- **Risk Assessment and Mitigation during Demolition.**
- **Coordination with Consultants and Contractors (AECOM)**
- **Debris Management and Site Clearance.**
- **Regulatory Compliance for Demolition Activities**
- **Health,Safety,and Environment (HSE) Best Practices**
- **Reporting and Documentation for Demolition Activities**

Project Manager | Tabrak Najd For Contracting (TNC)

June 2023 - Dec 2023. 7mon, Riyadh

(City Public Security)

Responsibilities:

- Calculate of all Finishing works including Masonry, Tiling (Flooring and Dado), Painting, Door frames, and shutter fixing, stone cladding (Dry and Wet), False Ceiling, Facade, Structural steel (Fabrication and Erection) works, waterproofing, toilet works including plumbing and its fittings-fixtures, etc.
- **Calculate quantities** required to execute finishing activities.
- able to understand specifications/methodology and architectural drawings of finishing activities.
- Coordination with Contractors/Subcontractors for Finishing Activities to carry out Technical supervision of ongoing Civil & Finishing activities at all stages.
- check Daily Progress Report & Finishing work snag list.

○ **Road Construction**

- Supervise and perform geotechnical work as soil sampling, core sampling, etc.
- Design of one interchange design (plan, profile and gore area grading).
- Design horizontal and vertical alignments of highways using AutoCAD.
- Profile roadway alignments, calculation of quantities for engineering estimates. Project involve the restoration and rehabilitation of existing storm sewer systems.
- Prepare detailed alignment design drawings including grade separate interchange designs and compute quantities.
- Perform evaluation and conditional survey of existing pavement and design and rehabilitation of pavement as required.
- Perform Geotechnical instrumentation monitoring and data collection.

skills :

- **Concluding the project processes**
- **Develop project specific processes and procedures & Maintaining and organizing the project & Project planning & Assign responsibilities and mentor project team**
- **Ensuring adherence to safety requirements & Perform risk management to Productivity analysis & Creating daily and monthly schedules.**



Senior Site Structural Engineer | ECB-Engineering Consulting Bureau

Nov 2022 - May 2023 6 mon . Egypt

El-Hamam Canal Project for Land Reclamation 362000 fadan (bridges, Syphon , mouth bridge ,Roads)

Responsibilities:

- Planning and executing civil engineering and building project.
- Knowledgeable of drainage construction, foundation, all C&S works and high rise building works.
- Planning, design and day-to-day running of construction projects undertaken by the company.
- Liaise with sub-contractors and consultants for the execution of works.
- Ensure timely delivery of projects according to schedule.
- Updating of project records for reporting purposes and submission of reports.
- Attend site meetings and resolve technical/ operational issues independently.
- Undertake ad-hoc duties to project execution.

skills:

- **Creating schematics and plans for new construction or renovation projects.**
- **Developing budgets for construction projects.**
- **Reviewing code compliance and resolving safety issues.**
- **Evaluating completed projects to ensure they satisfy all guidelines and specifications.**



Senior Site Structural Engineer | PETROJET

Jun 2021 - Nov 2022 .1 year 6 mon . Egypt

**Train-D project in Gasco For Gas Extension Factory For Increase Productivity Gas
(industrial projects)**

Responsibilities:

- Civil works (Isolated footing with Anchorage Bolts for Steel Structure)
 - Preparing Permit for Safety (All type of permit.
 - Excavation permit,Hot permit
 - ,cold permit and etc).
 - Preparing Shop Drawing for Steel And Form works.
 - Preparing quantities For Sub contractor delivery works for QCEngineer.
 - follow All Works.
 - managing parts of construction projects.
 - overseeing construction work.
 - undertaking surveys.
 - setting out sites.
 - checking technical designs and drawings for accuracy and to ensure that they are followed correctly.
 - supervising contracted staff.
 - ensuring project packages meet agreed specifications, budgets and/or timescales.
 - liaising with clients, subcontractors, local authority employees, architects and other professionals, especially quantity surveyors and the overall project manager.
 - providing technical advice and solving problems on site.
 - preparing site reports and logging progress.
 - ensuring that health and safety and sustainability policies and legislation are adhered to.
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Quality Control Engineer (Qc engineer) | PETROJET

Jan 2020-May 2021 .1 year 5 mon . Egypt

Egypt (Medium Density Februated) Mdf Idku city (industrial projects)

Responsibilities:

- Site Engineer,Supervising the implementation of constructional items of Drilling, Shop Drawing of Steel, Concrete and finishing works (HSE Building).
- Quality Control Engineer for (Straw Preparation Building) Piles Works (Steel, Verticality,position ,concrete).
- Inspection Request of (Bed Excavation) and Back filling With Sand ConeTest.
- Inspection Request of Plain Concrete Footing and R.C Footing.
- Inspection Request of Anchorage bolts for (Steel Works).
- Accountable for the quality and quality of every activity, precise knowledge of all aspects of engineering construction relating to Civil, Architectural, and Structural discipline interfacing the multidisciplinary processes.
- Responsible for QA/QC documents of the complete project, including certificates, calibration,test results,inspection requests,non-compliance reports and site instruction/observations, permanent materials delivered, and other important QA/QC documents.
- Develop and determine all standards to perform inspections and tests on all procedures, oversee all testing methods, and maintain high-quality standards for all processes.
- Review the quality of all materials at the site, ensure compliance with all project specifications and quality, and collaborate with the department for all material procurement and quality materials.
- Supervise the effective implementation of all test and inspection schedules, ensure adherence to all procedures, and coordinate with various teams to perform quality audits on processes.
- Assist employees in ensuring knowledge of all quality standards, ensure compliance with all quality manuals and procedures, and collaborate with contractors and suppliers to maintain the quality of all systems.
- Manage to lift all equipment, handle the efficient storage of all hazardous materials, and perform quality audits per the required schedule



Execution Civil Engineer (infrastructure) | Hassan Allam Holding

Mar 2019-Dec 2019 . 9 mon .Egypt

Aswan (Toushka)

Responsibilities:

- Signing the receipt of survey works
 - Coordinating with subcontractors and following up the implementation of each contractor and its completion rates.
 - Inventory of quantities for each contractor
 - Receiving the depth of the excavation cadastral from a contractor.
 - Receipt of substitution layers at the bottom of the pipes.
 - Receipt of piping installation.
 - Receiving the backfill around the pipes.
 - Receipt of concrete rooms (foundation depth, normal concrete, base,walls and reinforced ceilings) Supervising the excavation of the formation sector of the canal sector (trapezoidal sector)with a length of 2.8 km.
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Construction Engineer | Hassan Allam Holding

Jan 2018 - Mar 2019 .1 year 3 mon .Egypt

(New Alamein North Coast (High-Rise Buildings & Hotels)

Responsibilities:

Site Execution & Compliance:

- Oversee construction phases, ensuring adherence to approved designs and specifications.
- Supervise earthworks, foundations, structural erection, and finishing per high-rise and hospitality standards.
- Ensure compliance with ACI, BS, Eurocodes, and IBC for concrete, steel, and masonry structures.
- Implement seismic and wind resistance systems for high-rise buildings.
- Conduct site inspections, resolve design conflicts, and integrate advanced construction technologies.

Quality Control & Material Management:

- Monitor and verify materials, ensuring compliance before installation.
- Oversee concrete,soil, and steel testing, including non-destructive testing (NDT).
- Ensure correct curing,alignment,and defect prevention in structural components.
- Manage material procurement and ensure timely delivery without compromising schedules.

Health,Safety & Environment (HSE):

- Enforce safety regulations (OSHA, NEBOSH) and conduct risk assessments.
- Supervise fall protection, scaffolding, and lifting operations in high-rise structures.
- Develop emergency response plans and promote a zero-incident safety culture. Project Planning & Resource Management:
- Develop and track schedules using Primavera P6, MS Project.
- Coordinate with architects, MEP teams, and contractors for smooth execution.
- Optimize resource allocation (materials, labor, machinery) and reduce waste.

Technical Problem-Solving & Coordination:

- Provide solutions for on-site challenges, including design modifications.
- Ensure seamless integration of HVAC, plumbing, electrical, and firefighting systems.
- Oversee smart building installaions, energy-efficient lighting, and BMS systems. Documentation & Reporting:
- Maintain daily logs, progress reports, and material tracking records.
- Prepare handover documentation, As-Built Drawings, and O&M manuals for smooth project transition.



Structural Engineer (infrastructure) | Saleh & Hegab Integrated Engineering Economical Consultancy

**Sep 2016-Dec 2017 .1 year 4 mon .Egypt
(Infrastructure Project: Pipeline Water)**

Responsibilities:

- Coordinating with subcontractors and following up the implementation of each contractor and its completion rates.
 - Inventory of quantities for each contractor
 - Receipt of the depth of the excavation surveyed from the contractor.
 - Receipt of substitution layers at the bottom of the pipes.
 - Receipt of piping installation With Hydrant Valve and Butter Fly Valve.
 - Receiving the back filling around the pipes
 - Perform a pressure test to verify that there is no leakage.
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Execution Civil Engineer (infrastructure) El-Kholy For General Contracts

**Jan 2016-Aug 2016 . 8 mon .Egypt
Infrastructure Project (Sewer Pipe Line With Manhole)**

Responsibilities:

- Receipt of survey work.
 - Coordinating with subcontractors and following up the implementation of each contractor and its completion rates.
 - Inventory of quantities for each contractor.
 - Receipt of the depth of the excavation surveyed from the contractor.
 - Receipt of substitution layers at the bottom of the pipes.
 - Receipt of piping installation.
 - Perform a pressure test to verify that there is no leakage.
 - Receiving the back filling around the pipes
 - Receipt of concrete rooms (foundation depth, normal concrete, base, walls and reinforced ceilings).
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Education

**Kafr El-Sheikh University | Bachelor's degree, Civil Engineering.
Grade : Good Sep 2009-May 2014**

Licenses & Certifications

- **SAP S|4HANA 2025** - Udemy
- **SAP-ERP with practice** - Udemy
- **AutoCAD 2D** - Egyptian Engineers Syndicate
- **Quantity Survey** - Arab Academy for Science, Technology and Maritime Transport
- **Primavera P6** - Arab Academy for Science, Technology & Maritime Transport
- **Preparation Of Project Management Profesional (PMP)** - Arab Academy for Science, Technology and Maritime Transport
- **Sap 2000** - Egyptian Engineers Syndicate
- **SC Member of SCE** - Saudi Council of Engineers