

Mahmoud Sadek Ibrahim

Construction and Bridge Civil Site Engineer

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belbise, sharkia, egypt

Experienced Civil Site Engineer with 6 years of hands-on experience managing and overseeing large-scale construction projects. Proven expertise in site preparation, excavation, grading, surveying, concrete work, site utilities, and landscaping. Skilled in project management, ensuring adherence to timelines, budgets, and safety standards. Proficient in AutoCAD, Civil 3D, and Excel for project tracking and reporting. Adept at collaborating with cross-functional teams to achieve project goals while maintaining high standards of quality and safety. Seeking to apply my experience in a challenging Site Engineer position to contribute to the success of a dynamic construction company.

Work Experience

Senior Site Engineer

Nov 2024 - Present

General Nile Company

- Project : Construction of the Mit Ghamr Bridge Location : Mit Ghamr Bridge, National Projects of the Ministry of Transport Client : General Authority for Roads and Bridges (GARB)
- Led the execution of various bridge systems, ensuring all construction adhered to engineering specifications and quality standards.
- Prioritized and managed critical project tasks, ensuring milestones and deliverables were met on time despite tight schedules.
- Supervised construction teams and subcontractors, ensuring smooth workflow and adherence to project timelines and safety standards.
- Monitored construction activities to ensure compliance with design specifications, regulations, and quality standards.
- Regularly provided progress updates to the project manager, documenting challenges and solutions.
- Effectively resolved on-site issues such as material shortages, design discrepancies, and technical challenges.

Senior Site and Technical office Engineer

Jun 2022 - Nov 2024

General Nile Company

- Project : Central Bus Station - Bus Rapid Transit (BRT) Project Location : Suez Road, National Projects of the Ministry of Transport Client : General Authority for Roads and Bridges (GARB)
- Managed the construction process from site preparation, excavation, and foundation work to the construction of the station building.
- Coordinated with the Ministry of Transport, GARB, and subcontractors to ensure timely project delivery.
- Ensured adherence to approved designs and compliance with all local and national construction standards.
- Oversaw quality inspections for materials and workmanship, ensuring compliance with industry standards.
- Prepared and submitted daily project reports, tracking progress, challenges, and achievements.
- Handled technical office duties, including reviewing design documents, preparing submittals, and managing technical queries.

Site Engineer

Feb 2021 - Jun 2022

General Nile Company

- Project : Development and Expansion of the Ring Road Location : Ring Road around Greater Cairo, National Projects of the Ministry of Transport Client : General Authority for Roads and Bridges (GARB)
- Gained hands-on experience in executing various bridge systems, ensuring compliance with engineering specifications and safety standards.
- Led prioritization and scheduling of project tasks to ensure timely completion despite tight deadlines.
- Supervised construction teams and subcontractors, ensuring efficiency and compliance with timelines and safety standards.
- Performed regular inspections to ensure materials and work met design specifications and industry regulations.
- Maintained effective communication with the project manager, providing regular updates and resolving issues on-site.

Site and Technical office Engineer

Feb 2020 - Feb 2021

General Nile Company

- Project : Development of Qastal Land Port Duration : February 2020 - February 2021
- Managed the construction and finishing of key infrastructure elements, ensuring that work met all quality standards.
- Estimated and calculated materials required for the project, ensuring efficient resource allocation.
- Prepared detailed reports on material usage and construction progress to ensure efficient resource management.
- Assisted in ensuring construction work adhered to specifications and met project deadlines.
- Collaborated with the project team to track progress and made necessary adjustments to ensure smooth workflow.

Education

Higher Institute of Engineering El Shrouk Academy

Sep 2013 - Jun 2018

Very Good Bachelor of Civil Engineering

skills

- Leadership: Leading and supervising construction teams to achieve project objectives while maintaining high standards.
- Problem Solving: Ability to quickly resolve technical challenges and operational issues to ensure project continuity.
- Time Management: Strong organizational skills to effectively prioritize and ensure project milestones are met.
- Communication: Clear and effective communication with project managers, clients, and stakeholders.
- Team Collaboration: Skill in working with cross-functional teams to ensure smooth project execution and achievement of goals.
- Daily/Weekly Progress Reporting: Preparing reports on project progress for the manager and stakeholders.

- **Quality Assurance:** Conducting inspections to ensure construction meets design specifications, regulatory standards, and quality criteria.
- **Structural Design and Calculations:** Understanding of reinforced concrete designs, metal structures, and reinforced concrete in large-scale construction projects.
- **AutoCAD and Civil 3D:** Proficiency in using AutoCAD for site plans and Civil 3D for spatial coordination and surveying.
- **Quantity Surveying:** Skilled in estimating and managing quantities for construction projects.
- **Site Management:** Overseeing construction activities to ensure safety, quality, and adherence to project timelines

Languages

English: good