

Mohamed Emad El-Din Ahmed Radwan

Civil Engineer | Structural Specialist | Project Execution Manager

Al-Rabwa District, Jeddah, Kingdom of Saudi Arabia

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Available Immediately in Jeddah, Saudi Arabia

Saudi Driving License Holder

Professional Summary

Civil Engineer with over 12 years of experience in managing construction and infrastructure projects, including sanitary drainage, water supply, asphalt works, landscaping, irrigation networks, and electrical networks for road rehabilitation. Specialized in structural engineering and Building Information Modeling (BIM). Seeking to leverage expertise in leading major projects aligned with the Kingdom's Vision 2030 goals.

Professional Experience

Executive Director

EA Construction Service, 10th of Ramadan City, Egypt

(December 2023 – Present)

Designed and executed a 38,500 sqm reinforced steel factory, including administrative and service buildings, fences, production halls, and water treatment/desalination plants.

Developed and upgraded Delta Steel Factory in Mostorod, enhancing administrative buildings, worker housing, preparation and manufacturing halls, billet furnaces, fences, laboratories, landscaping, roads, and utility networks (sanitary drainage, electricity, water supply) to comply with Industrial Development Authority requirements.

Designed and upgraded Segwart Factory in Helwan for manufacturing railway flange wires.

Managed construction works for various residential buildings in Egyptian governorates such as 10th of Ramadan City and New Cairo.

Upgraded entrance of 10th of Ramadan City with landscaping, roads (asphalt, curbs, plantations), and networks (irrigation, electricity).

Supervised execution of diverse residential units across multiple sites with total area exceeding 50,000 sqm.

Product Development Engineer & Head of Construction Department

Arab Company for Sanitary Ware (SaniPure), Egypt

(January 2023 – December 2023)

Managed engineering designs and sample approvals for sanitary products to ensure compliance with international import standards.

Led the engineering department for construction works including warehouses, administrative buildings, fences, flooring, advanced landscaping, and finishes, in compliance with 10th of Ramadan City and Industrial Development Authority requirements.

Applied Building Information Modeling (BIM) to improve urban planning efficiency, aligned with Vision 2030 projects.

Civil Engineer (Execution Manager)

Talal General Contracting Company, Eastern Province, Egypt

(November 2018 – December 2022)

Managed projects for Housing Directorate, Roads Authority, and New Urban Communities Authority, focusing on license coordination and infrastructure.

Supervised urban renewal projects to enhance accessibility and aesthetics.

Upgraded entrances of Belbeis City and infrastructure in Kafr El-Zayat El-Bahari North with landscaping, roads (asphalt, curbs, plantations, wooden and concrete pergolas, stamped and washed concrete, precast seating, lighting poles), and networks (irrigation, electricity).

Site Engineer & Execution Manager (Technical Office)

Yathrib for Integrated Engineering Works and Contracting, Egypt

(January 2015 – December 2018)

Managed upgrade and expansion of Air Force Academy, constructing multiple buildings and infrastructure.

Constructed student accommodation building for Air College (3,800 sqm, four repeated floors) including dorms, grouped/individual bathrooms, internal finishes, furnishing, external facades (paints, marble/cladding), and networks.

Constructed and expanded student mess hall (800 sqm) including facades, internal finishes, and furnishing.

Constructed flight instructors building.

Constructed Air College mosque (1,800 worshippers capacity).

Constructed underground tank (300 m³) including pump rooms and distribution networks.

All projects included surrounding landscaping, asphalt works, curbs, and parade ground planning.

Handled all infrastructure works including sanitary drainage, utilities, and advanced finishes.

Education

Bachelor of Science in Civil Engineering

New Cairo Academy – Higher Institute of Engineering and Technology

Cairo, Egypt

(September 2008 – August 2013)

Skills

Project Management: PMP principles, project planning, budget management, scheduling.

Engineering Software: AutoCAD, Revit, SAP2000, Civil 3D.

Technical Skills: Structural engineering, infrastructure and landscaping design, asphalt works, Building Information Modeling (BIM), quality control.

Additional: Valid Saudi Driving License.

Languages

Arabic (Native)

English (Full Professional Proficiency)