

# Omar Mohamed Abdel Raheem

*Technical Office and BIM modeler Engineer (Civil)*

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## PROFILE

A 5-year-experienced and detail-oriented civil engineer with a strong background in technical office operations, BIM modeling, and a good self-learner with high potential. Proficient in utilizing AutoCAD, Revit, AutoCAD structural detailing, and other engineering software. Possessing excellent communication and problem-solving abilities, along with a proven track record of delivering successful projects.

## EDUCATION

2013 – 2018	<b>Bachelor of Civil Engineering</b> <b>Faculty of Engineering (Higher Technological Institute 10 of Ramadan) (HTI)</b> Accumulative grade: Very good with honors (84.00%) GPA: (3.45) Graduation project Title: Concrete Design Of a High Rise Building Graduation project Grade: Excellent (A)	10 of Ramadan, Egypt
2018 – 2020	<b>Specialized Diploma in Structural Engineering</b> <b>Faculty of Engineering (Alexandria University)</b> GPA: (3.466)	Alexandria, Egypt
2021 – present	<b>Studies Master of Science (M.S) in Civil Engineering</b> <b>(Construction Engineering and Management) at Arab Academy</b> <b>for Science and Technology and Maritime Transport</b>	Alexandria, Egypt

## PROFESSIONAL EXPERIENCE

12/2018 – present	<b>Gharably Integrated Engineering Company (GIECO)</b> <b>Technical office Engineer (Civil)</b> <ul style="list-style-type: none"><li>• Shop drawing with ASD</li><li>• BIM Modelling with Autodesk Revit</li><li>• Material takeoff with Autodesk Revit</li><li>• Clash detection with Autodesk Navisworks</li><li>• Quantity Surveying with Excel Sheets</li><li>• Making Owner Invoices</li><li>• Making Sub-Contractors Invoices</li></ul>	Alexandria, Egypt
06/2017 – present	<b>Fiverr and Upwork</b> <b>BIM Engineer (Freelancer)</b> <ul style="list-style-type: none"><li>• BIM Modelling with Autodesk Revit</li><li>• Material takeoff with Autodesk Revit</li><li>• Quantity Surveying with Excel Sheets</li><li>• Clash detection with Autodesk Navisworks</li></ul>	

## PROJECTS

02/2024 – present	<b>Developing The Corniche Road from Montazah to Al Mahrousa , with a length of 4.4 km</b> <b>Gharably Integrated Engineering Company (GIECO)</b> ( Alexandria , Egypt ) This project consists of a series of retaining walls to expand the corniche road along the sea in Alexandria, from the Mahrousa area to the Montaza area. It also includes the construction of a number of gates for beach access, widening existing pedestrian tunnels, and building new pedestrian tunnels. Additionally, it involves renovating and improving lighting, renewing sidewalks, providing amenities for pedestrians, and improving urban planning in the area.
06/2023 – 02/2024	<b>Car parking and landscape located in Foud street beside Graeco-Roman Museum</b> <b>Gharably Integrated Engineering Company (GIECO)</b> ( Alexandria , Egypt ) A car garage next to the Greek-Roman museum consists of a number of car lanes, underground rooms, and two ramps with an architectural view above it and seating areas.
06/2021 – 06/2023	<b>45 ST Tunnel and Protecting the shores of Alexandria</b> <b>Gharably Integrated Engineering Company (GIECO)</b> ( Alexandria , Egypt ) This project consists of a tunnel extending from Street 45 and perpendicular to the seaside corniche, then turning into a bridge to end the pathway on the other side of the seaside corniche. This tunnel consists of side retaining walls and then transforms into bridge axes consisting of reinforced foundations, columns, beams, slabs, also includes pedestrian tunnels, pedestrian bridge, 2 towers and retaining walls.
12/2018 – 06/2021	<b>Mahmoudiyah Axis Bridges and Lakes Area</b> <b>Gharably Integrated Engineering Company (GIECO)</b> ( Alexandria , Egypt ) Project contains: (Bashyer A Bridge, Antonyades Bridge, Abo Soliman Bridge, Lakes Area) The project consists of a number of car bridges, garages, and commercial shops underneath these bridges and pedestrian bridges. The purpose is to organize traffic flow, provide parking spaces, and facilitate access to commercial shops. The project also includes infrastructure to ensure the safety of the bridges and pedestrians, and to provide security and comfort for users. These bridges are divided into several axes consisting of piles, reinforced foundations, columns, beams, slabs, and new jersey. The lakes area consists of two lakes surrounded by a number of commercial shops with seating areas above them, which offer a wonderful view of the lakes.

## SKILLS

- AutoCAD
- AutoCAD Structural detailing
- Autodesk Revit
- Autodesk Navisworks
- Microsoft office (Excel-Word-PowerPoint)

## COURSES

<b>BIM in construction – Revit structure</b> <b>CAD Masters training &amp; solutions</b> Certificate No : EM302103095932704574080	Alexandria, Egypt
<b>Technical Office</b> <b>Egyptian Syndicate of Engineers</b>	Alexandria, Egypt
<b>Software Programs: AutoCAD, ASD, Revit</b> <b>Egyptian Syndicate of Engineers</b>	Alexandria, Egypt

## LANGUAGES

**English** — Proficient

**Arabic** — Native/Bilingual