

Ahmed Tayeb Resume



Name	Ahmed Omar Ahmed El Hag Tayeb
Birth	Nov. 16, 1972, Cairo, Egypt
Nationality	Egyptian
Family status	Married, 3 children
Contacts	Aomareltayeb@yahoo.com +971503410781

Profession: Structural Engineering

Experience: 30 years

Education: Bachelor of Science, Civil Engineering, Cairo University, Cairo, Egypt, 1995

Languages: Arabic: Mother tongue
English: Excellent

Countries worked in: Egypt, Qatar, United Arab Emirates, Oman, Saudi Arabia

Computer Literacy: Standard computer skills such as: Word, Excel, ETABS, SAP2000, STAAD, SAFE, Revit Structure

Memberships & Associations: Member Egyptian Engineers Syndicate;
Member Society of Engineers, UAE
Registered Department of Urban Planning and Municipalities; Member ASCE – American Society of Civil Engineers; Member ACI – American Concrete Institute; Member PMI – Project Management Institute.
LEED Green Associate.

Professional Key Skills: Managing Design Teams to deliver structural designs;
Scheduling and resources planning structural designs;
Review and coordinate structural designs with other disciplines;
Design Reinforced Concrete structures; Design Steel structures;
Structural 3D Modelling;
Building Information Modelling, BIM;
Study Sustainability aspects, LEED, ESTIDAMA;
Structural Design of High-Rise Buildings;
Seismic Design using Structural Dynamics;

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- Key Projects:** **2000 Biscayne – Florida, USA**
High-rise residential tower, 36 floors and 9 floors podium, located in Biscayne, Florida.
- 1900 Biscayne – Florida, USA**
High-rise residential two towers of 45 floors with a 9 floors podium, located in Biscayne, Florida.
- Naples Beach Club – Florida, USA**
Multiuse large scale project including hotel, residential buildings, beach club 7 floors, located in Naples, Florida.
- Central Bank of Bahamas - Bahamas**
- HealthPoint Hospital – Abu Dhabi, UAE**
- Hail Water Tank Tower – Hail, KSA**
- Wasl Tower – Expo 2020T – Dubai, UAE**
High-rise mixed-use tower located at Al Wasl, Sheikh Zayed Road, Dubai having 63 stories includes house offices, a hotel, residential apartments, vertical gardens and a light museum.
- Il Primo A4 Tower Down-Town – Dubai, UAE**
High-rising residential tower having 77+ floors in the location of Dubai Downtown with a recreational podium along with swimming pools, business lounge, retail destinations, multi-purpose hall, and other elite services.
- Nation Towers – Abu Dhabi, UAE**
Two towers located directly at the Abu Dhabi Corniche and have 65 and 52 floors used as Commercial and residential. Both towers are connected with a sky-bridge at a height of 202.5 meters which connects floors 50 and 54. The sky-bridge was the highest in the world at its completion.
- Najmat Abu Dhabi - Abu Dhabi, UAE**
Large scale development located in Al Reem island comprising different height low and high rise buildings residential and commercial.
- ADM headquarter renovation - Abu Dhabi, UAE**
- Muscat Airport – Muscat, Oman**
- PDO RAS Al Hamra Complex - Muscat, Oman;**
Large scale development comprising international school, recreation club, executive staff villas, attached and detached villas, townhouses, and residential buildings. Many structural systems used for this projects in accordance with each structure conditions, PT slabs, hollow core slabs, pre-engineered steel systems in addition to conventional RC and steel systems.
- Al Sadd Sports Club – Doha, Qatar;**
Football stadium covered with steel structure shades supported with tension cables tied to 4 grand Steel pylons. 20,000 spectators grand stand constructed of RC heavy frames all supported on huge pile and pile caps.

City Stars – Cairo, Egypt;

Large scale development, residential and commercial towers, pyramid shape huge mall. Many structural systems are used because of the different buildings, RC frames, Flat slabs, ribbed slabs, steel structures, composite deck slabs.

Alf Lela Wi Lela Resort - Hurgada, Egypt;

Large scale resort comprises 5 stars hotel, restaurants, and villages. RC structures two-way slab and beams framing type.

Egyptian TV & Radio Union Building – Cairo, Egypt;

40 –story building, steel structure framing and composite deack slab type.

Delivery Hospital – Kas El Aini, Cairo, Egypt;

Large scale governmental hospital, RC ribbed slab and flat beams framing type.

Qatif Sporting Centre – KSA;

Football stadium, 5,000 spectators capacity, RC heavy frames.

El Khozama Towers – KSA;

High-rise residential towers, two-way ribbed slab with flat beams framing type.

Domiat Bridge – Domiat, Egypt;

Vehicles and pedestrian bridge, RC box section with post tension cables.

Professional Experience:

PERIOD

Nov. 2017 to Present
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ORGANIZATION

DeSimone Consulting
Engineers

Abu Dhabi, UAE

www.de-simone.com

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POSITION

Structural

Associate

Job Description:

Responsible for managing structural design projects in collaboration with the design team. Oversees all planning and design phases, ensuring timely and high-quality deliverables. Monitors and controls the design process, conducts audits, and reviews development outputs to maintain compliance with project standards. Supervises the project throughout the tender and construction stages, ensuring alignment with client expectations and technical requirements. Acts as the company's representative in official meetings and reports directly to the Principal Director.

Responsibilities:

- Responsible for the pre-concept and concept design of the projects at initial stage, supervise the design team detailed design and supervise the whole project during tender and construction phase.
- Structural engineer and project manager across the Gulf Cooperation Council (GCC), North Africa, and the Caribbean.
- Leads the design team to achieve the scope requirements within planned schedule, within budget, in accordance with international standards.
- Technical leadership and cross-disciplinary collaboration, bringing a solutions-driven approach to architecturally ambitious and technically demanding projects.
- Perform QA/QC review in accordance with company regulations and international standards.
- Implement local Government Authorities standards and regulations.
- Perform technical support to construction and site supervision teams.

PERIOD

May 2016 to Nov. 2017
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ORGANIZATION

Aspen Consultancy &
Development

Abu Dhabi, UAE

www.theaspenconsultancy.com

**POSITION**

Management

Senior Structural Engineer

Job Description:

Managing projects structural design with consultants. Responsible for the planning design stages of the projects, monitor & control the design process, audit and review development deliverables, and supervise the whole project during tender and construction phases. Represent the Company in official meetings and report to the Chief Executive Officer.

Responsibilities:

- ➊ Responsible for the pre-concept and concept design of the projects at initial stage, supervise the consultant detailed design and supervise the whole project during tender and construction phase.
- ➋ Represent the engineering team in official meetings and report to the CEO.
- ➌ Plans project execution including scope, deliverables, and schedules. Oversee structural engineering design and deliverables.
- ➍ Leads the assigned consultants to achieve the scope requirements as per planned schedule, within budget, in accordance with international standards.
- ➎ Coordinates material control requirements and maintains agreed material order release dates and ensures standards are followed.
- ➏ Maintains responsibility for structural engineering integrity.
- ➐ Perform QA/QC review in accordance with company regulations and international standards.
- ➑ Coordination of Project team with local Government Authorities.
- ➒ Technical support to Project Management Staff.
- ➓ Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.

PERIOD

May 2008 to May 2016
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ORGANIZATION

KEO International Consultants

Abu Dhabi, UAE

www.keoic.com

**POSITION**

Designer

Senior Structural Engineer

Job Description:

Supervises the project structural team in design division as senior structural engineer. Responsible for the concept design of the projects at initial stage, lead the detailed design and supervise the whole project during tender and construction phase. Represent the structural design team in official meetings and report to the Head of Department.

Responsibilities:

- ➊ Responsible for the concept design of the projects at initial stage, lead the detailed design and supervise the whole project during tender and construction phase.
- ➋ Represent the structural design team in official meetings and report to the Head of Department.
- ➌ Plans structural execution including scope, deliverables, and schedules all manpower resources, oversee structural engineering progress and deliverables for assigned projects.
- ➍ Leads the assigned engineers and drafting personnel to complete the scope as per planned schedule, within budget, in accordance with international standards.
- ➎ Coordinates material control requirements and maintains agreed material order release dates and ensures standards are followed.
- ➏ Maintains responsibility for structural engineering integrity.
- ➐ Reviews all project schedules. Reviews the fabrication schedule in relation to the construction sequence and engineering scope.
- ➑ Performs conceptual, FEED and detail design analyses, calculations and reports.
- ➒ Perform QA/QC review in accordance with company regulations.
- ➓ Coordination of Project Staff with Government Authorities.
- ➔ Technical support to Project Management Staff.
- ➕ Implementation of the project, meetings, reports
- ➖ Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.
- ➗ Correspondence with Client.

PERIOD

Feb. 2003 to Apr. 2008
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ORGANIZATION

Design & Consult Bureau

Doha, Qatar

www.DCB-qa.com

**POSITION**

Design

Senior Structural Engineer

Job Description:

Lead the structural design Team. Determines the Structural systems and approve the design loads and assumptions. Advise the site Supervision Senior Engineer and report to the General Manager.

Responsibilities:

- Preparation of Preliminary, Detailed design, shop drawings, BoQ and Tender Documents.
- Attend meetings with Government Authorities.
- Represent the structural design team in official meetings and report to the General Manager.
- Maintains responsibility for structural engineering integrity.
- Technical support to Project construction Staff.
- Implementation of the project, meetings, reports.
- Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.
- Preparation of Concept / Preliminary Stage Report
- Detailed design drawings and specification
- Correspondence with Client.
- Reviews all project schedules. Reviews the fabrication schedule in relation to the construction sequence and engineering scope.
- Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.
- Prepare and compile the structural calculation sheet.

PERIOD

Dec. 2000 to Jan. 2003

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ORGANIZATION

Arab Consulting Engineers
(Moharram – Bakhoum)

Cairo, Egypt

www.ace-consultants.com

**POSITION**

Design

Senior Structural Engineer

Job Description:

Started as Structural engineer, responsible for structural design aspects. Performs the design calculations. Reviews the structural drawings and report to the Sr. Structural Engineer. Promoted in 2002 to be senior structural engineer to join the structural design senior staff. Assists with structural systems, design loads and assumptions. Reviewed the design calculations & drawings. Report to the Structural Division Director and represent the office in official meetings.

Responsibilities:

- Preparation of Preliminary, Detailed design, shop drawings, and Tender Documents.
- Attend meetings with Government Authorities.
- Represent the structural design team in official meetings and report to the General Manager.
- Maintains responsibility for structural engineering integrity.
- Technical support to Project construction Staff.
- Implementation of the project, meetings, reports.
- Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.
- Preparation of Concept / Preliminary Stage Report
- Detailed design drawings and specification
- Correspondence with Client.
- Reviews all project schedules. Reviews the fabrication schedule in relation to the construction sequence and engineering scope.
- Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.
- Prepare and compile the structural calculation sheet.

PERIOD

Jul. 1999 to Jan. 2000

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ORGANIZATION

Al Robaia Contracting Co.
Cairo, Egypt



POSITION

Technical Office
Structural Engineer

Job Description:

The job was to establish a structural design section to work under the technical office umbrella. I was responsible for putting up the team composition criteria, creating the team formation chart and hiring the successful employees.

Responsibilities:

- Thoroughly review shop drawings, and Tender Documents.
- Attend meetings with Government Authorities.
- Represent the technical office in official meetings and report to the Technical Office Manager.
- Technical support to Project construction Staff.
- Implementation of the project, meetings, reports.
- Preparation of construction reports.
- Reviews all project schedules. Reviews the fabrication schedule in relation to the construction sequence and engineering scope.
- Coordinating data collection, site investigations, structure changes and material schedules.

PERIOD

Dec. 1998 to Jul. 1999

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ORGANIZATION

ARCON Integrated Group
Cairo, Egypt



POSITION

Design
Structural Engineer

Job Description:

Responsible for structural design aspects. Prepare and review the structural design and shop drawings. Advise the Site Supervision Sr. Engineer. Approve bar bending schedules. Report to the Technical Office Manager.

Responsibilities:

- Preparation of Preliminary, Detailed design, shop drawings, and Tender Documents.
- Attend meetings with Government Authorities.
- Represent the structural design team in official meetings and report to the General Manager.
- Maintains responsibility for structural engineering integrity.
- Implementation of the project, meetings, reports.
- Detailed design drawings and specification
- Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.
- Prepare and compile the structural calculationsheet.

PERIOD

Jul. 1995 to Jul. 1998

ORGANIZATION

Hilal Structural Design &
Consultation

Cairo, Egypt

**POSITION**

Design

Structural Engineer

Job Description:

Started my career as Structural engineer, responsible for structural design aspects. Performs the design calculations. Reviews the structural drawings and report to the Sr. Structural Engineer.

Responsibilities:

- Preparation of Preliminary, Detailed design, shop drawings, and Tender Documents.
- Maintains responsibility for structural engineering integrity.
- Implementation of the project, meetings, reports.
- Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.
- Detailed design drawings and specification
- Coordinating data collection, site investigations, structure modeling and Concept, Preliminary and Detailed Design.
- Prepare and compile the structural calculation sheet.