

Mahmoud Fayz Mohammed Refay

Senior site engineer

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Profile

I am a highly skilled Bridge Engineer with over 5 years of experience in delivering major infrastructure projects in Egypt. Throughout my career, I have contributed to the successful execution of several national projects, specializing in the construction of concrete bridges with diverse structural systems and complexities.

My expertise includes post-tensioned concrete, precast segmental, cast-in-place, and box girder bridge systems. I possess a strong understanding of both the technical and on-site aspects of bridge construction, consistently ensuring projects are completed to the highest standards of quality, safety, and efficiency.

Education

BSc civil engineering, Shoubra Faculty of Engineering

07/2014 – 07/2019 | Cairo, Egypt

Cumulative grade : very good with honors (81.97%)

Professional Experience

Hassan Allam Roads and Bridges, Site Engineer

08/2020 – present | Cairo, Egypt

Lead and direct work teams to ensure quality implementation within specified time frames and a safe work environment.

Green Grass Group, Technical office and site engineer

08/2019 – 07/2020 | Cairo, Egypt

Prepare project assay, quantity surveying and quotation pricing.

Projects

Mohamed Naguib Axis Development, Alexandria, Egypt

present

Type of Project: Highway Bridge and Tunnel

Client/Owner: North Central Coast Development Authority

Supervising Consultant: University of Alexandria

Contracting Company: Hassan Allam Roads and Bridges

West El Alamein Bridge, El Alamein, Egypt.

Type of Project: Highway Bridge

Client/Owner: The Armed Forces Engineering Authority

Supervising Consultant: SAAD INTERNATIONAL CONSULTANT

Contracting Company: Hassan Allam Roads and Bridges

Talaat Harb intersection with Sokhna Road, Cairo, Egypt.

Type of Project: Highway Bridge

Client/Owner: The Armed Forces Engineering Authority

Supervising Consultant: ACE Consulting Engineers Moharram.Bakhoum

Contracting Company: Hassan Allam Roads and Bridges

Bridge extending the axis of civilizations, Cairo, Egypt

Type of Project: Highway Bridge

Client/Owner: The Armed Forces Engineering Authority

Supervising Consultant: SAAD INTERNATIONAL CONSULTANT ENGINEERS

Contracting Company: Hassan Allam Roads and Bridges

The new 26th of July axis, Giza, Egypt.

Type of Project: Highway Bridge

Client/Owner: The Armed Forces Engineering Authority

Supervising Consultant: El RAEID Engineering Consultants

Contracting Company: Hassan Allam Roads and Bridges

Zumor Bridge, Giza, Egypt

Type of Project: Highway Bridge

Client/Owner: General Authority for Roads, Bridges and Land Transport

Supervising Consultant: ACE Consulting Engineers Moharram.Bakhoum

Contracting Company: Hassan Allam Roads and Bridges

Omar Soliman bridge, Cairo, Egypt.

Type of Project: Highway Bridge

Client/Owner: The Armed Forces Engineering Authority

Supervising Consultant: SAAD INTERNATIONAL CONSULTANT ENGINEERS

Contracting Company: Hassan Allam Roads and Bridges

Jehan Al Sadat axis, Nasr city, Cairo, Egypt.

Type of Project: Highway Bridge

Client/Owner: The Armed Forces Engineering Authority

Supervising Consultant: SAAD INTERNATIONAL CONSULTANT ENGINEERS

Contracting Company: Hassan Allam Roads and Bridges

Pedestrian bridges of Fayoum road,

Hadayk el ahram, Giza, Egypt.

Type of Project: Pedestrian Bridge

Client/Owner: The Armed Forces Engineering Authority

Supervising Consultant: The Armed Forces Engineering Authority

Contracting Company: Hassan Allam Roads and Bridges

Sultan al Bahry Tunnel, Giza, Egypt

Type of Project: Tunnel

Client/Owner: The Armed Forces Engineering Authority

Supervising Consultant: El RAEID Engineering Consultants

Contracting Company: Hassan Allam Roads and Bridges

Courses

BTD, Bena Academy

07/2018 – 10/2018 | Cairo, Egypt

Comprehensive diploma in technical office, implementation and project management.

Structural design diploma, Civil Academy

03/2019 – 05/2019 | Cairo, Egypt

Structural design using various design programs.

Computer Skills

Autocad

Microsoft excel and word

CSI programs

Sap, Etabs, Safe and CSI column

Skills

Leadership

Problem solving

Principles and practices of civil engineering

Teamwork

Time mangement

Communication and Collaboration

Languages

English

References

Baher Samir Mikhail, *Projects Manger*, Hassan Allam
01227480312

Ahmed Gamal, *Project Manager*, Hassan Allam
01143333837

Mohamed Omran, *Senior Engineer*, Green Group
01110105311