





INFO

 Tehran, Marzadaran

 August th15,1983

CONTACT

 Manphetahcet@gmail.com

 +989122122371

 <https://www.linkedin.com/in/mehdi-bagherpour-99b8021a>

LANGUAGE

- Arabic (Expert)
- English (Intermediate)

My INTERESTS



Books



Movies



Games



Sea



Forest

Mehdi Bagherpour

structural designer Gas and oil and petrochemical industries.

About Me:

Experienced and Dynamic Structural Engineer with more than 13 years a proven track record of ensuring that structures are functionally and architecturally safe and compliant with codes. Proficient in designing oil and gas industry structures and also complete familiarity with technical communication between different industrial engineering disciplines in order to coordination to facilitate the project design process

Skills Soft Ware:

- Sap2000
- Etabs
- Safe
- Office Collection
- Navis Works
- Idea Statica
- Pdms
- AutoCAD

Code and Standard:

- AISC 360-16
- AISC 341-16
- ASCE07-16
- AISC 358 -16
- ASCE "Blast Proof Petrochemical Guide"
- ACI 351" Machinery Foundation"
- ACI 350-3R "Concrete Liquid Storage Tank"
- Publication No: 038 (4 edition)
- ACI318-19

Education:

National University: Gilan-Rasht

- M.sc in Civil Engineering Structural Orientation, 2012 to 2014 – Gpa: 17 / 20

National University: Zahedan

- B.s in civil engineering, 2005 to 2009 - Gpa: 14 / 20
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Professional Experience:

1- Senior Structure Engineer at Rahbord Engineer Consultant, Jun 2022 - Present (full time)

Web site: www.rahbordeng.com

Projects: Cheshmeh-khosh, Dalpari, and East Paydar oil fields development project

Consulting Engineers: Tehran Raymand

Client: ZnvVostk & Pedck

Mc Client: Rahbord Engineer Consultant

Projects: Desalting unit and Cpf extension

Epc : Jahan pars engineering (Petrgas Jahan)

Client: ZnvVostk & Pedck

Mc Client: Rahbord Engineer Consultant

**Projects: solar power station and Power substation and power lines
Engineer Consultant : AriaNirooJam**

Client: ZnvVostk & Pedck

Mc Client: Rahbord Engineer Consultant

Duties:

Reviewing and commenting on structural documents designed by Epc contracture (jpc) including foundations for Horizontal & vertical Equipment, Vibrating Pumps and compressors, Anchored and self-anchored Tanks ring walls, Pipe racks , Anchor Blocks, Retaining walls, Sleepers, Valve pits

Participate in project weekly and monthly meetings, client, and vendor

Check/review the vendor proposals, documentation, and drawings.

Check/review the Material Take Off; Bar Bending; Cost estimation, Construction of building

2- Senior Structure Engineer at Tehran Berkeley Engineer Consultant, Apr 2017 - May 2022 (full-time)

Web site: www.tehranberkeley.com

Projects: Kermanshah Production Plant Project

Client: Zagros Green Fuel Development Company

Mc Client: Monenco Iran Consulting Engineers

Duties :

Detail Design of Bioethanol Plant including : blast-proof substation and control building, machinery foundations, pressure vessel foundations, steel storage tank foundations and types of concrete pits, warehouses, workshops and burn pits, pipe racks, and access platforms, multipurpose ,buildings and

Projects: Fereydunkenar and Amirabad Port

Client: Ports and Maritime Organization of Iran

Duties :

Structure & Marine Structure Engineer of Fereydunkenar Port, including Structure design of Quays, Fire Fighting & water pump Building, El. Post Station Building, water & fuel tank, office building, Control Tower, warehouse and transit shed

3- Senior Structure Engineer at Pars Techno Engineer Consultant, Apr 2014 - May 2017 (full-time)

Web site: www.parstechno.ir

Projects: Zar- abad Fishing Port in Chabahar

Client: Iranian Fisheries Organization

Mc Client: Tehran Berkeley Engineer

Duties :

Engineering, Procurement, and construction of Zar-abad Fishing Port in Chabahar, including Structure Designer Regarding to Quay and office building , Niches, and preparation of daily, weekly and monthly reports, management of machinery and manpower, Preparation of Shop Drawing and as built, Preparation of project cost estimates and preparation of price proposals for participation in the tender, Supervision of construction in site

Engineering training

- 1- Structural design course with Safe and Etabs software related to residential building Steel and concrete structures + dynamic analysis
 - 2- oil and gas structures and foundation design
 - 3- Design course of steel structure connections with Idea Statica software based on manual calculations
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Certifications and Licenses:

Member of Iran Construction Engineering Organization (IRCEO): Basic license for two supervisions, implementation, and design structure

Member of the Iranian Association of Building and Management Accounting Engineers

A selection of a remote work project done by me:

- 1- Redesign, double control, and optimization of Kish Mall project hotel, approximate area of 150,000 square meters, Lateral Load Resisting Systems: special bending frame and special shear wall concrete, ceiling slab beam, and composite, Epc: homayetehran. ir
- 2- Design of the first phase of the Tbilisi City Airport hangar in Georgia, dimensions 96 meters wide, 90 meters long with a crown height of 60 meters, Consulting Engineers : karacontrolkerman.ir
- 3- Design of 13-story steel frame residential building, Lateral Load Resisting Systems: dual system, District 1Tehran, Niavaran
- 4- Design of 10-storey concrete frame residential building, dual system, Tehran
- 5- Redesign, double control, and optimization of Keihan Tower, Zafarianeh, Tehran, Lateral Load Resisting Systems: special bending frame and special shear wall, metal deck roof , Consulting Engineers : H& Manoosh-Mahmoodi