

# Seyed Milad Khalilifar

## Chemical Engineer

DoB : 1994/2/28 ■ Military Service : Served ■ Marital Status : Married



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📍 Tehran, Iran

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### 👤 Profile Summary

Highly skilled and results-driven Chemical Engineer with a proven track record of successful project management and problem-solving. Exceptional expertise in process optimization, equipment design, and manufacturing operations. Proficient in conducting thorough research and analysis, working with a variety of industrial chemicals and materials. Skilled in using advanced software and tools to simulate and model processes. Strong communication and teamwork abilities, consistently collaborating with cross-functional teams to achieve project goals and exceed client expectations. Committed to ensuring the highest levels of safety, quality, and efficiency in all engineering projects.

### 💡 Skills

Aspen HYSYS



ICDL



Teradata Tump



COMSOL Multiphysics



HTRI



Process Equipment Design



P&ID



### 🎓 Education

#### Bachelor of chemical eng

2012 - 2016

Branch: process

Institute/University: teh PNU

Shemiranat, Tehran, Iran

GPA : 13.97

#### Master of chemical eng

2020 - 2023

Branch: process

Institute/University: Tarbiat modares

Tehran, Iran

GPA : 16.44

### 🏢 Work Experience

#### Quality Control Specialist

May 2014 - September

2016

Niordc

Rey, Tehran, Iran

#### Tasks and Achievements

- Analysis all fuel with ASTM method

#### Process Engineer

September 2016 - March

2019

NMFC

Tehran, Iran

#### Tasks and Achievements

- Feasibility study for oil & gas project, MC

PFD

Autodesk AutoCAD

R&D To GMP

## Language

### English

Reading	B2
Writing	C1
Speaking	B2
Listening	B2

## Social Network

<https://linkedin.com/in/milad-khalilifar-6515a2a0>

## QC manager

January 2020 - February 2023

PCHME

Eshtehard, Alborz, Iran

### Tasks and Achievements

■ Wastewater Treatment · Cooling Water · Water Treatment · Water Quality · chemical. Corrosion inhibitor. anti scaling

## Process Engineer

Since January 2023

Borzouyeh Refinery

Tehran, Iran

### Tasks and Achievements

■ Process Equipment · Line Sizing · Conceptual Studies · Oil and Gas · Design Review · Calculations · Detailed Design · Computer-Aided Design (CAD) · Refining · Shell & Tube Heat Exchangers · Cooling Towers · Heat Transfer · Project Management Body of Knowledge (PMBOK) · Process Optimization (Manufacturing)

## Research

### used oil recycle

Publisher : Iranian legal

patent in iran

### molecular sieves synthesis Pilot plan

April 2018

## Projects

### Used oil treatment by green Method

2018

For : oi l& gas industry

used oil treatment without add any acid or use distillation tower, this treatment have 92% efficiency for product SN cut from 150-550

### Synthesis emulsifier for IOC

2020

For : NIOC

New formulation emulsifier to increase overdrawn oil and gas upstream

### Synthesis chemical for water treatment

2021

For : PCHME

new formulation chemical for water treatment to inhibit industrial water such as RO-BOILER-COLLING TOWER with new NANO formulation

### Dehydration ethanol by using ceramic membrane crossflow

For : University

master thesis

 References

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**Dr. Ali Eslami manesh**

Work. Process Engineering Department. Faculty of Chemical Engineering.  
Tarbiat Modares University. Tehran, Iran.

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