



# ZAKARIA MESSIKH

## Chemical and Refining Engineer

### ACADEMIC PATH

#### Master's degree in Chemical Engineering focused treatment of natural energies and carbonic materials

2022

Mining University of Saint-Petersbourg - Saint-Petersbourg

2024

Demonstration of in-depth expertise in oil, gas, and carbon-based materials processing methods.

Completion of advanced practical work in university laboratories.

Active participation in international conferences, including *Africa Seeks Solutions*, held from December 10 to 16, 2023.

#### Preparatory Year in Russian Language

2021

State University of Industrial Technologies and Design - Saint-Petersbourg

2022

#### Master's degree in Refining Engineering

2019

Houari Boumediene University of Science and Technology - Algiers

2021

Proficiency in key modules and advanced simulation software in refining engineering, internships at major oil companies, gaining essential industry experience and technical expertise.

#### Bachelor's Degree in Process Engineering

Houari Boumediene University of Science and Technology - Algiers

2016

Intensive program in Process Engineering completed at USTHB, with mastery of key modules and practical experience gained through internships at major pharmaceutical and oil companies.

2019

### PROFESSIONAL EXPERIENCE

#### Physico-chemical Analyste

GENERICLAB - ALGIERS Active

#### Practical Internship - Refining

SONATRACH - Hassi maseoud 06/2021-07/2021

- Design and simulation of a new hydrogen storage line using HYSYS software.
- In-depth knowledge of distillation, cracking, reforming, and hydroprocessing operations. Impact assessment.
- Assessment of impacts on production and safety.

#### Practical Internship - Refining

SONATRACH - Alger 05/2021-08/2021

- Study of naphtha processing in the MS BLOCK unit.
- Analysis and optimization of refining parameters.

#### Practical Internship - Pharmaceutical Industry

GROUP SAIDAL - Alger 02/2019-03/2019

Monitoring of the manufacturing process of the drug Rhumaphed. Performed quality control during production.

### Contact

+7 966 855 38 36

zakariamessikh.pro@gmail.com

Nevsky prospekt Saint-Petersburg, Russia

### PROFIL

Holder of a double Master's degree in Chemical Engineering obtained in Russia and in Process Engineering, specializing in Refining Engineering in Algeria, I possess a strong scientific and technical background, reinforced by several practical internships in the industrial sector. Currently working as a Quality Control Analyst in a pharmaceutical company, I demonstrate rigor, motivation, and a high capacity for adaptability—qualities that I apply to drive industrial performance and innovation.

### SKILLS

- Simulation software: HYSYS, Aspen Plus, and Chemcad
- Fundamentals of Chemical Engineering
- Project management software
- Microsoft Word, Excel, PowerPoint

### LANGUES

Français	B2
Anglais	Intermediate
Arabe	Native
Russe	Intermediate