KIAN HABIBI

Reservoir Engineer, Expert Consultant, Data Analyst

In modern terms of a successful career, I'm an efficient and methodical individual who is quick to develop practical solutions to problems and to offer suggestions for improvements. A strong team player that can prioritize and delegate workloads effectively as well as motivate and inspire others to achieve results. Broadly developed skills in reservoir engineering, with petroleum engineering experience, including reservoir-production simulation and analysis, optimization, enhanced oil/gas recovery, field development planning, project evaluation and screening, data analysis. ●Accomplishing several intense courses for improving the employees' skills in new technologies and advanced expertise in the oil and gas sections for GFTG as a Training consultant. ●Making a profit for customers by precise analyzing the oil and gas market data for a Binary analyst company. ●Accurate evaluation of the data to have a better understanding of reservoir study and characterization as a Reservoir Engineer.

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WORK EXPERIENCE

Society of Petroleum Engineering   *Europe region*

SPE Volunteer for Ambassador Lecturer

11/2019-Present

- Composing and revising different texts on various topics for different segments of Petroleum Engineering.
- Describing and explaining the problems in the oil and gas industry and contributing a solution to them.
- Constantly, writing updates statements about the possibility of new technologies implementation in the oil and gas industry and its advantages and disadvantages.

Global Franchise Training Group

Training Consultant Manager 📨

09/2018–Present   *Barcelona & Europe*

- Developing and implementing advanced techniques and defined new methods in the upstream and downstream petroleum industry.
- Combined expert content with leading up-to-date technology training solutions that boost efficiency, productivity, and profitability of different education and training areas, through company strategic ideal partners all over the world.
- Constantly reviewed the skill of employee feedback and then suggested ways to improve the processes and increased satisfaction.
- It was my mission to facilitate the growth and advancement for our client partners by supplying the optimum business solutions, worldwide knowledge, skills, and tools they need to improve business performance, adapt to a changing workplace, and prosper in a complex and competitive business world.

University of Alberta

Sabbatical position

04/2018-07/2018   *Alberta, Canada*

- Characterization and developing new membrane technology for separation of CO_2 from industrial gases and purification of wastewater to reuse it in the industrial unit.

Centre Catala del Plastic

Researcher

04/2015–07/2018   *Barcelona, Spain*

- A new study of the mineral-filled membrane to move forward in separation technologies through TGA, DSC, DMTA, Mechanical test, Porosity, and Permeability analyses.
- Preparation and developing the filled-polymeric membranes through the MEAUS process for gas separation, water purification, and Li-on Battery.
- Strong hands-on experience in Programming Language: Python, JavaScript, MATLAB to acquire the best result.

Binary Analyst

Data analyst

01/2016–04/2016   *Barcelona, Spain*

- Successfully made progress in profit for private investors and companies by analyzing the Oil and gas market with SPSS and SQL software.
- Ensured that the new clients would grow into loyal customers based in a specialist petroleum market by performing a new loyalty program.
- Experience performing analysis on internal and external data and processes to answer specific business questions and identify opportunities for optimization.
- Strong analytical mind related to working with unstructured datasets across multiple functional areas.

Payam Nour University

Lecturer

01/2012–04/2015   *Tehran, Iran*

- As a lecturer, I taught Heat transfer, combustion in Engineering, fluid mechanics, Corrosion, materials science at the Petroleum and Chemical Engineering departments.
- Engineering software development for the Oil and gas industry.
- Collaborated with the petroleum institute for developing new methods in local Oil and gas fields.

National Iranian South Oil Company

Reservoir Engineer

07/2009–12/2009   *Gachsaran, Iran*

- Evaluation, characterization, and analyzing the data from the Oil and gas wells to have a complete field development plan for an enhanced oil production program.
- My job responsibilities included numerical reservoir modeling, production forecasting, well testing, well drilling and workover planning, economic modeling, and PVT analysis of reservoir fluids.
- As a Reservoir Engineer, I also play a central role in field development planning, recommending appropriate and cost-effective reservoir depletion schemes such as water flooding or gas injection to maximize hydrocarbon recovery.

National Iranian South Oil Company

Internship – Petroleum Engineer

06/2008–08/2008   *Gachsaran, Iran*

- Accomplished a gas injection project by running a simulation program as an internship student in one of the wells in the Gachsaran Oil and gas field.

National Iranian South Oil Company

Internship – Petroleum Engineer

06/2006–08/2006

- As an intern student, I was a member of a team in a project for an Oil and Gas production unit to increase the incoming oil rate by studying and optimizing the oil and gas well production rate through simulation software.

PROJECT

Development and characterization of mineral-filled membrane for implementation of separation purposes by MEAUS process which was related to the Ministerio de Economía, Industria y Competitividad (Government of Spain) for the financial support of project MAT2017-89787-P.

Research and development of membrane technology in membrane base separation systems for the oil and gas industry, petrochemical, and refinery industries for Science and Technology Park.

Research and development of oil and gas reservoir studies for science and technology Park.

HIGHER EDUCATION

Doctorate in Materials science and Metallurgy Engineering

Polytechnic University of Barcelona (BarcelonaTech)

04/2015 – 05/2019

Development and characterization of the filled-polymeric membrane through the MEAUS process by two different methods for separation purposes.

Master's degree in Hydrocarbon Reservoir Engineering

Tehran science and research University

10/2010 – 12/2012

Evaluating and presenting the results of applying nanotechnology in Iran's oil reservoir which was related to the Enhanced Oil Recovery (EOR) by simulation studies.

Bachelor's degree in Exploitation of Oil resources

Gachsaran Azad University

09/2005 – 09/2009

Studied and performed Production and EOR simulation methods for Asmari reservoirs.

SKILL

Eclipse 100&300	PVTi simulator	Pansystem	PIPESIM	OFM simulator	Petrel	Petroleum Geolog	Olga simulator	CMG	C++
Fortran	AutoCAD	MATLAB simulator	Microsoft Office	Porosity analysis	Permeability analysis	FT-IR software	DMTA Software
Rheology software	Research & Strategy	TGA software	DSC software	Public Speaking	Teamwork	Decision Making

ORGANIZATIONS

Society of Petroleum Engineering

(10/2011 - Present)

American Membrane Technology Association

(03/2019 – present)

American Association of Petroleum Geologists

(10/2017 – Present)

European Association of Geoscientist and Engineers

(11/2012 – Present)

CERTIFICATES

Branding, geographical indications and market development, (2020)
Science and Technology Park

Certificate of Speaking, Mega Speaker, (2019)
Mega Events

Reservoir Engineering & Sustainable Energy, (2017)
Scientific Future Group

Oral Presentation at the ''3rd World Congress on Materials Science, Engineering, Oil, Gas and Petrochemistry'', (2017)
Scientific Future Group

Oral Presentation at the ''3rd World Congress on Materials Science, Engineering, Oil, Gas and Petrochemistry'', (2017)
Scientific Future Group

Professional reservoir simulation using FloGrid and ECLIPSE 100&300, (2011)
MAGMA Group

Reservoir fluid modeling using PVTi, (2011)
MAGMA Group

Char Enhancing Heterogeneous of Attachment of Silica Nanoparticles for flame-retarding materials, (2016)
Centre Catala del Plastic

Polymers (Structure and Properties), (2015)
Centre Catala del Plastic

HSE in Industry, (2012)
Technical and Entrepreneurship Organization

Researching in nanotechnology field, (2012)
Tehran science and research University

Translation work of texts of specialized language of petroleum, (2012)
Technical and Entrepreneurship Organization

PUBLICATIONS

Extrusion-based membranes of Polypropylene/$CaCO_3$: Thermal behavior, pore morphology, permeability, and tensile behavior, Polymers, special issue "Polymer foams", 2018.

Effect of filler content, size, aspect ratio and morphology on thermal, morphological and permeability properties of porous talc-filled polypropylene, Adv Polym Technol, 2018;00:1–10. https://doi.org/10.1002/adv.22116

Polypropylene-Based Porous Membranes: Influence of Polymer Composition, Extrusion Draw Ratio and Uniaxial Strain, Polymers 2018, 10(1), 33; DOI: 10.3390/polym10010033.

Book

Development and characterization of mineral-filled (calcium carbonate or talc) polypropylene porous membranes obtained by extrusion

CONFERENCES

3rd World Congress on Materials Science, Engineering, Oil, Gas and Petrochemistry, (2017)

XIV Reunión del Grupo Especializado de Polímeros (GEP) de la RSEQ y RSEF, (2016)

CIVILICA, http://www.civilica.com/Paper-PTCE01-PTCE01_153.html, (2013)

CIVILICA, http://www.civilica.com/Paper-ICOGPP01-COGPP01_193.html, (2012)

CIVILICA, http://www.civilica.com/Paper-MUBNANO01-MUBNANO01_028.html, (2012)

CIVILICA, http://www.civilica.com/Paper-MUBNANO01-MUBNANO01_029.html, (2012)

CIVILICA, http://www.civilica.com/Paper-MUBNANO01-MUBNANO01_026.html, (2012)

CIVILICA, http://www.civilica.com/Paper-MUBNANO01-MUBNANO01_027.htm, (2012)

1st Conference on Nano Technology Application in the petroleum and Petrochemical Industries, (2012)

9th National Conference of Chemical Engineering Students, (2012)

9th National Conference of Chemical Engineering Students, (2012)

1st International Conference on Oil, Gas, Petrochemical, and Power Plant, (2012)

LANGUAGES

English – Fluent

Farsi (Persian) – Fluent

Spanish - Fluent