Fardin POURVAJDI

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Key Qualification

35 years local and international experience of upstream oil and gas industry in organization and project management as well as technical expertise in Geo-Science, Mining and geology, IT services (CAD/CAM and GIS application).

Expert knowledge of project management and multi-disciplinary team leading with emphasis on integrated reservoir studies and development planning projects; Reservoir characterization and quantification of reservoir risk & uncertainty analysis; Geological and geo-statistical reservoir modelling techniques through integration of all subsurface data.

BSc. degree in Mine Exploration Engineering from Technical College of Tehran University (1980), MBA short course from Tehran University (2018) and IPMA-Certified Project Manager certificate (2019).

Achievements

- Adopting PMBOK and IPMA methodology in project management of upstream engineering studies (starting from 2003);
- Achieving rank one in 360° performance appraisal (managerial, technical and behavioural) by company management and staff for three consecutive years;
- Building first geo-statistical 3D model in Iran for South Pars Gas Field using probabilistic methods (2003);
- Building geo-statistical 3D model of ultra-heavy oil in clastic reservoirs of Ayacucho Blocks- Orinoco oil belt; Venezuela (2006);
- Best project management practice Award in Venezuela among other international companies e.g. Petrobras, Sinopec, Lukoil who worked in other blocks which was resulted to award more contracts on quantification studies for five blocks (2007);
- Design and implementation of strategy, organization improvement, digital information and automation during two years as TEC managing director (2013-2015);
- Company revenue growth 10 times in three consecutive years (2013-2015);
- Successful negotiations lead to joint agreements and collaboration with international companies such as Maersk Oil, PDVSA, Beicip-Franlab, RPS Energy, PanTerra, OPC, etc.

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Working History

OFOGH ENERGY E&P, 2021 - Present

info@ofoghenergy.com

IOID is a private joint stock company that provides support services to the petroleum industry and OFOGH ENERGY E&P is registered to manage E&P activities.

CEO (June 2021 – Present)

- Managing company and E&P activities.

IOID Representative in E&P (January 2021 – June 2021)

- Company Representative and JMC member in CMK project (As 10% Non-Operator Partner)

OEEP Project Manager in E&P (June 2021 – Present)

- Project Manager of engineering and supervision projects for CMK project

Tehran Energy Consultants (TEC), 2000 – 2020

www.tehranenergy.com

Tehran Energy Consultants, TEC, is a geo-science and petroleum engineering consultant with the main devotion to the upstream studies. I have been involved in the following projects for the past years:

Geo-Science and Project Manager (December 2015 – December 2020)

- Project Manager of Aboozar fast track and full field studies; 2020
- Project Manager of DANAN 3D Seismic design, acquisition supervision, processing and interpretation; 2019
- Project Manager of SPOL Reservoir Study; 2019
- Project Manager of Karanj, Parsi, Rag-e Sefid oil fields study; 2017
- Project Manager of C2+ recovery feasibility study in Fajr-e Jam refinery; 2017
- Project Manager of consultancy services for Maersk Oil in Iran; 2016-2017

Managing Director (September 2013-December 2015)

Deputy CEO and Geo-Science Manager (March – September 2013)

Geo-Science and Project Manager (2007 – 2012)

- Project manager in reservoir study and preparation of MDP for Danan onshore oil field; 2012
- Project Manager in Geo-Science and Petroleum Engineering Services for MAPNA (OGD & OGDC); 2013-2015; including but not limited to:

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- EPD tender documents for delineation well in Forooz-B Gas Field
- Supervision services on 3D seismic acquisition in Forooz-B Gas Field
- Supervision services on 3D seismic acquisition in Persian Gulf Fields
- Supervision services on geophysical and geotechnical seabed survey for delineation well in Forooz-B Gas Field

- Project manager / Geo-Modeler in Preliminary MDP Preparation of Forooz-B offshore gas field; 2011
- Project Manager in Full Field Study of Nowrooz offshore oil field; 2010-2014
- Technical superintendent in Technical Review and Evaluation Study of Dobokubi heavy oil field, Orinoco oil belt, Venezuela; 2009
- Deputy PM / Geo-Modeler and Well Planner in Reservoir Study and Well Planning of South Pars Gas field, Block 15_16; 2008
- PM in Quantification Study of Ayacucho Area, Blocks 3 and 4, Orinoco oil belt, Venezuela; 2007

Deputy Project Manager and Geo-Modeler (2003 – 2006)

- Deputy PM / Geological Modeler in Quantification Study of Ayacucho Area, Blocks 7, Orinoco oil belt, Venezuela; 2006
- Deputy PM / Well Planner in Full Field Reservoir Study and Development Planning of Reshadat offshore oil field, 2005-06
- Deputy PM, Geo-modeling and well planner in Full Field Study and Development Planning of Sirri-E offshore oil field; 2004-05
- Deputy PM / Geo-modeler in Full Field Reservoir Study of South Pars offshore gas field; 2003-04

Reservoir Geologist and Geo-Modeler (2000 – 2002)

- Geo-modeler in Geo-Science and Petroleum Engineering Services for Salman offshore oil and gas field; 2001-02
- Geo-modeler in Full Field Reservoir Study of Nar onshore gas field; 2000

KavRayaneh Inc., 1996 – 2000

KavRayaneh Inc. is an IT company who has expertise in GIS and digital mapping. Followings are the main projects that I was engaged:

- GIS data preparation of NIOC 1:100,000 geology sheets for NIOC-ED
- Digital mapping of 1:100,000 & 1: 250,000 geological and topographical sheets for NIOC-ED
- Digital mapping and providing GIS topological data for NAVY electronic charts
- Design and implementation of 1/50,000 & 1/100,000 digital GIS geochemical maps of south east of Iran for Geological Survey of Iran (GSI)
- Digital mapping of Tehran 1/500 urban sheets for TGIS

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- Digital mapping of 1:1000 geological and topographical maps of Zarshouran & Agh-Darreh gold mines
- Digital mapping of Nir 1:25,000 geological maps, the new energies project

Kankav Tunnel Co., 1993 – 1996

Kankav Tunnel Co. was mining, geology and surveying consultant and I were involved in the following projects as senior exploration engineer:

- Digital mapping of Agh-Darreh Gold mine in W.Azerbaijan province
- Surveying and mapping of Agh-Darreh gold mine
- 1:20,000 Geological mapping for Lead & Zinc prospects in Isfahan province
- 1:1000 Topographical mapping in Shahr-e Kord
- 1:1000 Topographical mapping of Zarshouran gold mine
- 1:1000 Geological & Topographical mapping in Boushehr province (Cement Project)
- 1:1000 Geological & Topographical mapping of chromite mine in Khorasan province

Mehdiabad Lead & Zinc Mine, 1988 – 1993

Mehdiabad Lead & Zinc mine was subsidiary of ministry of mines and metals and I was in charge of exploration engineer in the following aspects:

- Exploration planning
- Core drilling and geological logging
- Geotechnical prospecting
- Ore reserves estimation and geo-statistical analysis

Education

1984 – 89, Tehran University, Faculty of Engineering

- *B.Sc. in Mine Exploration Engineering*

2018, Tehran University, Faculty of Engineering

- *MBA short course in Management*

2019, International Project Management Association (IPMA)

- *IPMA Level C Certificate (Certified Project Manager)*

Professional Courses and Certificates

- Reservoir 3D modeling using IRAP-RMS, by Roxar, Tehran 2001 and 2003
- Log interpretation using Geolog, by Paradigm, Tehran, 2001

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- Fracture network modeling using FRACA, by IFP, Tehran, 2002
- Electro-facies modeling using Easy trace, by IFP, Paris, 2002
- Project management course, by Fara Management Institute, Tehran, 2003
- General management course, by Industrial Management Institute (IMI), Tehran, 2003
- ISO 9001:2000 training course, by Industrial & Scientific Services of Tehran Co., Tehran, 2005
- Comprehensive Project Management, by Aryana PMI institute, Tehran, 2006
- Organizational Project Management Maturity Model (OPM3), IIIE, 2008
- Petrel basic course, Internal training, TEC, Tehran 2011
- ABB, TDABC, ABC for projects Cost Management, AIB & SUT, Tehran 2015
- Fracture network modeling using FRACA Flow, by TEC, Tehran, 2016
- IPMA course, by TEC, Tehran, Oct. 2018
- PMBOK 6th Edition, by TEC, Tehran, Aug. 2019
- IMS (ISO 9001:2015 – ISO14001:2015 – ISO45001:2018), Tehran, QCB 2020

Computer Skills

Proficient in:

- IRAP-RMS; The 3D geo-cellular modeling tool from Roxar (now Emerson)
- AutoCAD; The CAD/CAM tool from Autodesk
- MS-Office and Windows operating system

Familiar with:

- Petrel; Seismic to simulation tool from Schlumberger
- Geolog; The log interpretation tool from Paradigm
- ArcGIS; The geographical information system from ESRI

Personal Information

- Born: November 1966
- Marital Status: Married, One child
- Citizenship: Iranian
- Languages: Persian (native), English (IELTS overall grade: 7), Spanish (elementary)