

HARIZ AZIH

M.Sc Petroleum (Aberdeen) | B.Eng Mechanical (UM)

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Professional Profile

An executive with technical knowledge and practical experiences in the oil & gas industry. Professional experiences include role as a Petroleum Engineer at a subsurface oil and gas consultancy and as a Planning Engineer with Technip-MMHE JV for HUC projects. Graduated with Merit in M.Sc in Petroleum Engineering at the University of Aberdeen (UK) and B.Eng in Mechanical Engineering at University of Malaya (Malaysia). Possesses strong numeracy skills and has a genuine love for learning innovative technologies. Applying attention to detail and prioritization skills to ensure that work is consistently completed to time, quality and budgetary requirements.



PROFESSIONAL EXPERIENCE

COMPANY NAME : Invigour Energy Oil and Gas Consultancy

JANUARY 2017 - Present

JOB TITLE : Petroleum Engineer

Key Achievements

- Field production optimisation and well modelling of 45+ active well strings and idle well re-activation for a Malaysian operator
- Sand management, gas-lift optimisation and integrated production modelling for a mature brownfield in offshore Malaysia
- Project coordinator and technical consultant for developing web-based production collaboration & ecosystem software
- Created blueprint of software features, manage software developer activities, product testing and product user experience survey
- Prepared production engineering training materials with International Oil Company (IOC)

Responsibilities

- Conducted well performance analysis, backpressure optimisation, MPFM well-test validation
- Resolved well production allocation, well mix optimisation, production enhancement for an operator in offshore Malaysia
- Conducted well production allocation, well mix optimisation, production enhancement, sand prediction, sand erosion assessment
- Develop in-house engineering applications MS Excel (VBA / Macros) for Field Surveillance and Well Test Validation

Professional Certificate:

- Graduate Member (Board of Engineers, Malaysia)
- Basic Offshore Safety Induction & Emergency Training
- Production Test Validation Course
- Member (Society of Petroleum Engineers)
- Petronas Permit to Work Certification Training
- Integrated Production Modelling Course (IPM PetEx)

COMPANY NAME : Technip-MMHE Joint Venture

JUN 2014 - AUG 2015

JOB TITLE : Planning Engineer

Key Achievements

- Experienced in oil & gas challenges and issues in handling major EPCIC project with tight deadlines from client
- Developed project management skills, planning and execution of projects.
- Allocated activities based on resources, budgetary requirements, and sequences working within a specific period

Responsibilities

- Worked as an integral member of the project team to plan, coordinate & schedule project execution
- Maintained company records including; Weekly & Monthly Progress Reports, & S-Curve according to actual onshore progress

EDUCATION & QUALIFICATIONS

UNIVERSITY OF ABERDEEN – ABERDEEN, UNITED KINGDOM

MASTER OF SCIENCE IN PETROLEUM ENGINEERING

(WITH COMMENDATION)

SEPT 2015 – OCT 2016

Course Modules:

- Reservoir Engineering & Reservoir Simulation
- Well Engineering & Production Engineering
- Petrophysics & Petroleum Geoscience

Professional Membership:

- Society of Petroleum Engineers, UK
- Energy Institute, UK

Awards:

- Field Development Plan Competition held by AGR Tracs

UNIVERSITY OF MALAYA – KUALA LUMPUR, MALAYSIA

BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING

(FIRST CLASS HONOURS)

AUG 2010 – JUL 2014

Senior Year Dissertation

“Study of Ethylene Glycol Chilling Loop and Measures of Enhancement of Heat Transfer”

- Developed operating procedures that reduced thermal energy loss using nanotechnology & improved thermal efficiency

TECHNICAL SKILLS

Programming Tools:

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|-------------------------------------|------------------------------------|----------------------------------|
| ■ Primavera P6 (Project Management) | ■ AutoCAD | ■ Microsoft Office |
| ■ Solidworks | ■ C / C++ Programming Language | ■ VBA |
| ■ Matlab | ■ Petrel RE / Eclipse / tNavigator | ■ IPM Suite (Prosper, GAP, MBAL) |