

ARIF IMRAN ZAHARI**Address:** 26, Jalan Dsuria 4, Taman Dsuria, 68000, Ampang, Selangor, Malaysia**Telephone:** +60183687894 | **Email:** arifizahari0@gmail.com**Date of Birth:** 1st May 1987**COMPETENCIES****Geoscientist with 6 years work experience in the US, UK, Spain, & South East Asia.**

Technical Competencies	Non-Technical Competencies
<input checked="" type="checkbox"/> Mudlogging & Geosteering	<input checked="" type="checkbox"/> Teamwork & Collaboration
<input checked="" type="checkbox"/> Rock Physics & AVO Analysis	<input checked="" type="checkbox"/> Critical Thinking & Problem Solving
<input checked="" type="checkbox"/> Big Data Analytics & Data Science	<input checked="" type="checkbox"/> Professionalism & Ethic
<input checked="" type="checkbox"/> Petroleum Systems Modelling	<input checked="" type="checkbox"/> Oral & Written Communications
<input checked="" type="checkbox"/> Petrophysics & Formation Evaluation	<input checked="" type="checkbox"/> Leadership
<input checked="" type="checkbox"/> Gravity & Magnetic (FTG)	<input checked="" type="checkbox"/> Information Technology Application

EDUCATION**MSc. Petroleum Geoscience, Imperial College (London, England)****2011-2012****Modules:**

- Production Geoscience, Development Geoscience, Petrophysics, Petroleum Engineering, Exploration Geoscience, Petroleum System Analysis, Sedimentology, Seismic interpretation, Exploration Geophysics, & Petroleum Basin Analysis

Fieldwork:

- Utah & West Texas, United States: Conducted stratigraphic analysis of depositional systems from reservoir scale to basin-scale; Compared structural styles in extensional & salt basins
- Dorset, England: Characterised outcrop analogues for subsurface reservoirs; Integrated analysis of petroleum systems

Project:

- Bight Basin Exploration Project: Analysed well & seismic data in order to assess the hydrocarbon potential of selected basins from a range of exploration datasets

BSc. (Hons) Geology 2:1, University of Liverpool (Liverpool, England)**2008-2011****Modules:**

- Exploration Geophysics, Petroleum Geology, Dynamic Stratigraphy, Engineering Geology, & Basin Analysis

Fieldwork:

- Celada de Pisuerga, Spain: Produced geological mapping & evolutionary analysis
- Bundoran, Northern Ireland: Used advanced field techniques to map & analyse regional metamorphic rock formation

Project: Conducted independent fieldwork for the study of "Geological Evolution of Llangollen, United Kingdom"**International Baccalaureate Diploma, United World College of the Atlantic (Llantwit Major, Wales)** **2006-2008**

- **Subjects:** Chemistry (5), Physics (5), Mathematics (5) Geography (6), English B (6), Malay A1 (6) **Grade:** 34/45

SPM (GCSE Equivalent), Darul Hikmah School (Kuala Lumpur, Malaysia)**2000-2005**

- 13 subjects including English; Obtained all A(s)

WORKING EXPERIENCE

Wellsite Geologist & Geosteer, Field Geo Services (Grand Junction, Colorado, USA)

Dec 2017-July 2019

Projects:

- Mudlogging and Geosteering Projects for 19 onshore horizontal wells in Delaware Basin (Texas & New Mexico) and DJ Basin (Colorado)
- Clients are Gary Permian, Jagged Peak Energy, PDC Energy, and WPX Energy

Success & Responsibilities

- Liaised closely with Rig Managers, MWD & Directional Engineers, and Operation Geologists on real time monitoring of drilling activity onsite, decisions on top formations, and drilling parameters
- Determined the position of well path relative to stratigraphic markers, apparent dips and their lateral extent along the wellbore, and statistics & target projections
- Provided advanced Mudlogging services using Tlog software, Gas Chromatography, Mass Spectrometry (C1-C10, CO₂, He, N₂, O₂ and sulfur bearing volatiles), and Geosteering using Starsteer software up to 22,000+ ft horizontal wells (record Total Depth)

Sample Catcher & Surface Logger, Reservoir Group (Houston, Texas, USA)

April 2017-Nov 2017

Projects:

- Mudlogging Projects for 10 onshore horizontal wells in East Texas Basin, Midland Basin (Texas), DJ Basin (Colorado), and Arkoma Basin (Oklahoma)
- Clients are BP America, Confluence Resources, and Endeavors Resources

Success & Responsibilities

- Provided advanced geochemistry services such as XRD, XRF, Total Organic Content, Mass Spectrometer (C1-C12), and Gas Chromatography

Petroleum Geologist & Business Development, Maser Marine Engineering (KL, Malaysia)

July 2015-July 2016

Tender Proposals:

- Provision of Mud Cooler Equipment & Services (Client: PETRONAS Carigali)
- Provision of Geophysical/Geomatics QC & Consultancy (Client: Sarawak Shell Berhad & Sabah Shell Petroleum Co. Ltd)
- Provision of Geophysical, Geomatics, HSE and Technical Auditor Consultancy Services Onshore Seismic Surveys (Client: PETRONAS Carigali Myanmar Inc)

Success & Responsibilities

- Responsible for business development, tender/contract documents, commercials, & execution of project within newly established Drilling, Petroleum Engineering, Geological & Geophysical department.
- Establishing partnerships with Well Engineering, Oilfield Equipment, Petrophysics, Geomechanics, Manpower, Geological & Geophysical, and Drilling companies from Malaysia, Brunei, Gibraltar, Myanmar, Singapore, Indonesia, UK, USA, & Australia.

Subsurface Imaging Geophysicist, CGG Services (KL, Malaysia)

May 2014-May 2015

Projects:

- 2D Marine PSTM Broadseis Seismic Processing Project for Block 144 & 145, offshore Vietnam (Client: Murphy Nha Trang Oil)
- 3D Marine PSDM Seismic Processing Project for Paus Jerung, offshore Sarawak, Malaysia (Client: Murphy Sarawak Oil)

Successes & Responsibilities:

- Obtained a distinction of excellence from Murphy Nha Trang Oil using CGG's performance evaluation form in January 2015
- Processed seismic data by applying wave propagation theories using Linux, Geovation 2, Expose, Tornadoi, & Khoros software
- Applied noise attenuation, de-multiples (e.g. SRME, Radon, & SWD), FSQ-Tomography model, velocity analysis, & migration
- Conducted quality control, ran testing, & ran production of input as well as output data

Production Geophysicist, Onyx Engineering (KL, Malaysia)

Sept 2013-April 2014

Project: Gas Lift Optimization (GLO) & Virtual Metering (VM) Project, offshore Sarawak, Malaysia (Client: PETRONAS Carigali)

Successes & Responsibilities:

- Assisting on the implementation of the GLO & VM system built on the One Virtual Source (OVS) technology platform for the offshore Baram field
- Assisting on analyzing daily well status, estimated production, & well health based on real time operational data & models
- Supported diagnostic evaluation & validation of well testing in addition to well models

Field Geophysicist, Onyx Engineering (KL, Malaysia)**Jan 2013-Sept 2013****Projects:**

- Airborne Full Tensor Gravity Gradiometry (FTG) Data Acquisition Project by Bell Geospace Ltd & Onyx Engineering for North Tarakan, Kinab, & Tinjar areas, Borneo, Malaysia (Client: PETRONAS Carigali & RHP Mukah Pte Ltd)
- Airborne Full Tensor Gravity Gradiometry (FTG) Data Acquisition Project by Bell Geospace Ltd & Onyx Engineering for Block SK314A, Sarawak, Malaysia (Client: Murphy Sarawak Oil)
- Airborne Full Tensor Gravity Gradiometry (FTG) Data Acquisition Project by Bell Geospace Ltd & Onyx Engineering for Blocks PM319, PM308B, & PM307, offshore Peninsular Malaysia (Client: Lundin Petroleum Malaysia)

Successes & Responsibilities:

- Managed relationships between key stakeholders involved with the Full Tensor Gravity Gradiometry (FTG) Data Acquisition Projects in 5 locations across Malaysia
- Liaised between clients, service provider, & Onyx Engineering in order to ensure smooth operations across Malaysia
- Provided daily updates regarding production by acquiring data from the field
- Orchestrated operational logistics for clients & service providers while managing procurements

Petroleum Geoscientist Intern, Ikon Science Ltd. (London, England)**June 2012–Aug 2012****Project:** Quantitative Interpretation Project**Successes & Responsibilities:**

- Conducted research & developed paper titled: “Development of a Regional Predictive Rock Physics Model For the Vaila Formation, West of Shetland, United Kingdom”
- Integrated regional geopressure studies & well petrophysical properties in order to generate rock physics models
- Analysed 35 pre-conditioned wells using RokDoc's inversion QC tools & suggested mechanisms to improve the rate of success for drilling operations through AVO analysis

COMMUNITY & LEADERSHIP**Volunteer of Metro Caring (Denver, USA)****Aug 2017-Nov 2017**

- **Successes & Responsibilities:** Supported Denver's frontline anti-hunger organization, Metro Caring as a volunteer which works with the community to meet people's immediate need for nutritious food. Innovative programs supported include Healthy Foods Access, Nutrition Education and Cooking Classes, ID Procurement, Urban Gardening, and Community Activation.

Member of Rocky Mountain Association of Geologists (Denver, USA)**Nov 2017-Nov 2018**

- **Successes & Responsibilities:** Actively participated in weekly seminars and networking events. Joined the mentorship program. Attended the IHS Petra training program

Member of Southeast Asia Exploration Society (Kuala Lumpur, Malaysia)**Oct 2015-Nov 2016**

- **Successes & Responsibilities:** To be company's representative for technical knowledge enriching, business development & networking purposes

Facilitator of Extra Mural Service (Wales, UK)**Sept 2006-April 2008**

- **Successes & Responsibilities:** Worked as a volunteer within the college which runs various outdoor activities and co-ordinated the use of College facilities for groups of visiting school children.

Member of Geology & Natural History Society (Wales, UK)**Aug 2007-Dec 2007**

- **Successes & Responsibilities:** Ran weekly geology and environmental field trips to various localities around Vale of Glamorgan in Wales

SKILLS

- **Computer Software Skills:** IHS Petra, IHS Kingdom, Interactive Petrophysics, Petrel 2010, Petromod, RokDoc 5.6, Starsteer, TLog, SQL, Python, R, Hadoop, and Microsoft Office
- **Languages Skills:** Fluent in English & Malay; Moderate Proficiency in Arabic, Basic in Spanish

CERTIFICATIONS

- **IBM Data Science Professional Certification**
- **Project Management by CGG University**

INTERESTS & RECOGNITIONS

- **Sports & hobbies:** Gardening, swimming, snorkeling, hiking, skiing, fishing, table tennis, rock climbing, & travelling
- **Awards:** Young Pool Lifesaver Senior Award & UK Pool Lifeguard (2008)
- **Full Scholarships:** Malaysian Government-Sponsored Graduate School Scholarship for Imperial College (2011-2012)

REFERENCES

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