

Ts. MUHAMMAD SHAFIQ SHAHRUL AMAR



PERSONAL INFO

ADDRESS

Lot 18, Impian Gemilang 2,
Impian Golf & Country Resort,
43000 Kajang
Selangor

EMAIL

mshafiq@mshafiq.com.my

MOBILE NUMBER

+6013 – 530 0099

MARITAL STATUS

Married

LANGUAGE

Bahasa
English

NATIONALITY

Malaysian

DATE OF BIRTH

5TH October 1984

TRANSPORTATION / LICENSE

Yes / Yes

HIGHLIGHT

Challenge in your organization? I'm up for it! My educational background in IT doesn't stop me from working in various disciplines from Software, Drilling, Geology to Education. From growing my own start-up company to holding multiple positions at multiple locations with Global Fortune 500 Companies is something I enjoy throughout my career. In my previous employment, I handled numerous award-winning projects, published several technical papers, and developed multiple systems to streamline operations.

AWARDS

Performed By Schlumberger Award (Bronze Medals)	2012 - 2018
UTP Alumni Distinguished Achievement	2015
Schlumberger Service Quality Vice President Awards	2013
Nominated for Halliburton Employee of the Year 2009 – Best Consultant	2009
Business Improvement (BI 5000) Challenge Brunei Shell Petroleum	2008

PROFESSIONAL EMPLOYMENT EXPERIENCE

Schlumberger

POSITION : DRILLING - PRODUCT ENGINEER **2018 - 2020**

- Responsible for Drilling Bits product research, development and commercialization.
- Coordinated technical support to the sales organization and to clients
- Oversaw full range of Schlumberger new technology on drilling bits and drilling tools such as hole enlargement, jar operation, fishing, casing drilling and remedial works.
- Quantified prototype applications and new technology (NT) market introductions with formation evaluation studies based on Schlumberger Techlog software.
- Drove new technology (NT) sales and provides technical sales support for opportunities identified by front-line sales team in Geomarket or location.
- Streamlined three regional database into single master repository for all formation information and assessment
- Remodeled prototype of formation interpretation using Machine Learning module

Key Highlight & Achievements

- Back-to-back success on Petronas Carigali Tukau Timur field with new design bits AxeBlade size 8-1/5" and 12-1/4" section

CREATIVE MINDS

2016 - 2018

POSITION : FOUNDER

- Founded a prestige trademark brand in education industry named Creative Minds
- Formulated home-grown education syllabus in line with Ministry of Education from robotics to 3-dimensional (3D Printer), data logging, programming and renewable energy for kids and young adults.
- Amplified business revenue from customer-based operation to business-to-business solutions over Corporate Social Responsibility projects
- Regulated structured internship with government-linked universities on internship placement and projects
- Secured RM more than RM250,000 research grant on education in collaboration
- Gained control majority private/international schools with more than 40% market share which leading in largest robotic education provider in Malaysia. This business division later acquired by Sasbadi Holding.
- Partnered with Selangor and Johor state government on STEM State program as part of public program initiatives.
- Secured RM1mil+ from private / corporate funding on business grants and investments

Key Highlight & Achievements

- Signed and exchange Memorandum of Understanding (MoU) with Universiti Teknologi PETRONAS (UTP) and Multimedia University (MMU) for five years on research, academic and internship collaborations.
- Secured as preferred vendor on Corporate Social Responsibility (CSR) education partners with numerous government linked companies (GLC) such as Telekom Malaysia, UEM Group, Khazanah Nasional and MDEC

2013 - 2016

POSITION : ENGINEERING SOLUTIONS - MANAGER

- Supervised, hired and led 25 technical engineers across countries in Asia.
- Report directly to Engineering - Regional Director on all technical matters
- Redesigned all engineering request portal through automated Microsoft SharePoint as increased efficiency and eliminated clerical work
- Refocused on all subordinate training progress and scope of work
- Reorganized local data entry job log and final report project delivery for better repository and knowledge management system
- Transformed local engineering data based on geolocation using open API system based on Google Map

Key Highlight & Achievements

- Successfully mitigated recurrence stick-slip and save US\$ 15mil for Vietsovpetro (Awarded Service Quality Medal - Vice President)

POSITION : TECHNICAL SERVICE ENGINEER

2010 - 2013

- Supervised, hired and led 10 technical specialist across Asia region.
- Capitalized Schlumberger proprietary software named IDEAS in BHA optimization, failure analysis and drilling bits – reamer mechanical balance study.
- Maximized drilling operational value to customer on 4 dimensional (4D) simulations using Finite Element Analysis (FEA) Linux based software.
- Facilitated all high valued pull-through (revenue more than US\$ 1mil) on technical presentation and performance review
- Promoted to managerial post in Engineering Solutions division

Key Highlight & Achievements

- Replacing competitor on Iron Duke ‘snake well section’ optimization for Brunei Shell Petroleum and save USD 20mil

HALLIBURTON

2007 - 2010

POSITION : DRILLING CONSULTANT, ASSOC.

- Specialized in real-time drilling operations, collaborative well planning, visualization and drilling data management
- Established drilling system implementation, execution and testing with major client in Asia Pacific including Brunei, Philippine and Australia.
- Conducted training (both in house and on-site) on drilling data management software/application suite

Key Highlight & Achievements

- Secured single vendor contract on Champion Waterflood oilfield development worth US\$ 7mil revenue to Halliburton Drilling and Completion

JOURNAL & PUBLICATIONS

TITLE: "New Conical Diamond Element Bit Technology Coupled with FEA-Based Modeling for Bit Selection Demonstrates High Durability and Improved ROP in Compact Carbonate Formation in Deep Water" **2020**

CONFERENCE: International Petroleum Technology Conference

PAPER ID: IPTC-20202-MS

TITLE: "Revolutionary PDC Cutter Design Help Improve Bit Performance in Malay Basin" **2019**

CONFERENCE: SPE/IATMI Asia Pacific Oil & Gas Conference and Exhibition

PAPER ID: SPE-196465-MS

TITLE: "CwD – Enables for Success Extended Reach Drilling. First 9 5/8" Casing at High Angle" **2017**

CONFERENCE: IADC/SPE Asia Pacific Drilling Technology Conference

PAPER ID: SPE-190989-MS

TITLE: "Efficiency, Effectiveness and Sustainability of CSR Programs in Contributing to Education Excellence" **2016**

CONFERENCE: International Conference on Leadership and Management (Invited Speaker)

MOBILITY

WILLING TO TRAVEL

90%

WILLING TO RELOCATE

80%

INTEREST

- BUSINESS DEVELOPMENT
- ENGINEERING
- TECHNOLOGY
- EDUCATION
- SUSTAINABLE ENERGY
- ENGINEERING
- PHILANTROHY
- POLITICS
- HUMAN CAPITAL DEV.

SKILLS

- PROBLEM SOLVING
- NEGOTIATION
- STRATEGIC PLANNING
- PROJECT MANAGEMENT
- JOINT VENTURES
- RECRUITMENT
- LEADERSHIP DEVELOPMENT

SCAN ME!



SOCIAL MEDIA



<https://www.linkedin.com/in/mshafiqshahrulamar/>

WEBSITE

www.mshafiq.com.my

REFERENCES

Available upon request

EDUCATION BACKGROUND



Professional Certificate
(Center for *Professional Development*)
Stanford University

2016



Bachelor Degree of Technology
(Business Information System)
Universiti Teknologi PETRONAS

2002 - 2006

PROFESSIONAL ROLE / CHAIR

Professional Technologist

Malaysia Board of Technologist (MBOT)
Membership No: PT19090043

2019 - 2020

Adjunct Lecturer – Software Engineering
Universiti Teknologi PETRONAS (UTP)

2016 - 2020

Education Innovation Steering Committee Member
Universiti Teknologi PETRONAS (UTP)

2016 - 2018

Society of Petroleum Engineer

Lead Division - Young Professional Division (Asia)
Membership No: 3352477

2006 - 2019

COMMUNITY SERVICE



Science • Technology • Engineering • Math

KLMEVS (NGO)

POSITION : PRESIDENT

2019 - PRESENT

- Co-found NGO that focus on STEM Educator as community
- Setup online e-learning community to reach wider school teachers demographics
- Lead stationary donation drive to unfortunate community in Kajang
- Develop a crowd funding site concept of STEM training through online donation to rural schools and students.

Highlight & Achievements

- Received multiple corporate/government grants and executed several community projects
- Collaborated with reputable aid organization such as Pintar Foundation and Budimas Charitable Foundation

INTERNSHIP



Scomi Energy Services

SCOMI ENERGY SERVICES

2006

POSITION : Intern – Business Development

- Programmed a system to monitor oil and gas upstream operation covering drilling fluids and drilling waste management business unit for Malaysia operations
- Project leader for operation revamp on Barite Milling process in Kemaman
- Setup new gas division with collaboration with NATCO on separation of CO2 from prolific natural gas fields.
 - Awarded Carigali–PTTEP (CPOC) tender for Malaysia–Thailand JDA Block B-17 gas fields value at US \$46.4mil

COURSES

SCHLUMBERGER Directional Drilling Training School

Schlumberger Training Centre, Abu Dhabi, U.A.E

2010

HUET & BOSIET – Malaysian Water

Certificate No : BEBS21217/08
(Helicopter Underwater Escape Training & Basic Offshore Safety Induction)
Kuala Lumpur, Malaysia

2008

HALLIBURTON “Effective Consultant” Workshop Level 1

Halliburton Training Centre, Houston, USA

2007