

Ts. MUHAMMAD SHAFIQ SHAHRUL AMAR

OPEN CV (NOT FOR RECRUITMENT)

With almost 15 years of working experience, from holding managerial position as a subject matter expert (SME) in Global Fortune 500 companies to growing my own start-up company, I am flexible but enjoy new challenges. My track record proves my capability to handle award-winning world-class engineering projects, revolutionize a new way of working and able to adapt fast in various discipline.



+60 13 5300099



mshafiq@mshafiq.com.my



/mshafiqshahrulamar



Kajang, Selangor

SKILLS

- Strategic Planning
- Project Management
- Programming
- Research & Development
- Data Management
- Engineering
- Business Development
- Field Operations
- System Infrastructure



AWARD & ACHIEVEMENT

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

EDUCATION

- | | | |
|--------------------|--|--------------------------|
| 2021 | Alibaba Business School | Professional Certificate |
| | <i>MDEC-MATRADE ANT Online Course</i> | |
| 2016 | Stanford University | Professional Certificate |
| | <i>Center for Professional Development</i> | |
| 2002 – 2006 | Universiti Teknologi PETRONAS (UTP) | Bachelor Degree |
| | <i>Business Information System</i> | |

WORK EXPERIENCE

CREATIVE MINDS (2012 – Current)

Founder

Discipline: Education / Consultancy

- 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.
- Secured RM5mil+ from private / corporate funding on business grants and investments. Secured more than RM750,000 research grant on education in collaboration. Amplified business revenue from customer-based operation to business-to-business solutions over Corporate Social Responsibility projects
- Gained control majority private/international schools with more than 70% market share which leading in largest robotic education provider in Malaysia.

Key Highlight & Achievement

- 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

■ WORK EXPERIENCE (Cont.)

■ SCHLUMBERGER (2018 – 2020)

Product Engineering Champion (Asia Ops)

Discipline: Geology System (Subject Matter Expert)

- Responsible for Drilling Bits new product research, development and commercialization. Oversaw full range of Schlumberger new technology on drilling bits and drilling remedial such as hole enlargement, jar operation, fishing, casing drilling and remedial works in eight different countries
- Coordinated project finance with technical support to high impact projects to clients in Asia Pacific
- Quantified prototype applications and new technology market introductions with formation evaluation studies based on Schlumberger software contribute to 35% of operation revenue.
- Drove new technology sales and provides technical project roll out from headquarters from project planning, financial control and post execution on cloud-based system.

Key Highlight & Achievement

- System development of geological data logging in Asia Pacific region with 650,000 data points and geological correlation map using machine learning modules.

■ SCHLUMBERGER (2010 – 2016)

Manager - Engineering Solution

Discipline: Engineering - Analysis & Optimization

- Hired as a Technical Service Engineer. Promoted, supervised, hired and led 35 technical engineers across countries in Asia. Report directly to Engineering - Regional Director on all technical matters
- Redesigned all engineering request portal through automated Microsoft Azure as increased efficiency and eliminated clerical work. Transformed local engineering data based on geolocation using open API system based on Microsoft 365 and Google Cloud API for geological data format.
- Facilitated all high valued pull-through (revenue > US\$ 1mil) on technical presentation and performance review
- Maximized drilling operational value to customer on 4 dimensional (4D) simulations using Finite Element Analysis (FEA) Linux based software
- 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

Key Highlight & Achievement

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

■ HALLIBURTON (2006 – 2010)

Associate Consultant

Discipline: Software - System Development & Training

- 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 & Achievement

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

PROFESSIONAL ROLE & CHAIR

2019 - 2022	Professional Technologist	Malaysia Board of Technologist (MBOT)
	<i>Membership No: PT19090043</i>	
2016 - 2021	Adjunct Lecturer – Software Engineering	Universiti Teknologi PETRONAS (UTP)
2016 - 2018	Education Innovation Steering Committee Member	Universiti Teknologi PETRONAS (UTP)
2006 - 2010	Lead Division - Young Professional Division (Asia)	Society of Petroleum Engineer (SPE)
	<i>Membership No: 3352477</i>	

JOURNAL & PUBLICATION

2021	Quadruple Helix Approach On Education STEM-based Corporate Social Responsibility <i>World Engineering, Science and Technology Congress (ESTCON)</i>	EDAS-1570633952
2020	New Conical Diamond Element Bit Technology Coupled with FEA-Based Modeling for Bit Selection... <i>International Petroleum Technology Conference (IPTC), Saudi Arabia</i>	IPTC-20202-MS
2019	Revolutionary PDC Cutter Design Help Improve Bit Performance in Malay Basin <i>SPE/IATMI Asia Pacific Oil & Gas Conference and Exhibition, Indonesia</i>	SPE-196465-MS
2017	CwD – Enables for Success Extended Reach Drilling. First 9 5/8" Casing... <i>IADC/SPE Asia Pacific Drilling Technology Conference, Thailand</i>	SPE-190989-MS
2016	Efficiency, Effectiveness and Sustainability of CSR Programs in Contributing to Education Excellence <i>International Conference on Leadership and Management, Malaysia</i>	Invited Speaker

COMMUNITY SERVICE

2019 - Present

Organization: **KLCMEVS (NGO)** **President**

- 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 Selangor, Negeri Sembilan and Perak
- 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

2006 - 2007

Organization: **Scomi Energy Services** **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, Terengganu
- Setup new gas division with collaboration with NATCO on separation of CO2 from prolific natural gas fields.

Highlight & Achievements

- Awarded Carigali–PTTEP (CPOC) tender for Malaysia–Thailand JDA Block B-17 gas fields value at US \$46.4mil