Suganthan **SUMELINGAM** *M.B.A, B. Eng (Hons) Mechanical*

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**Profile Summary**

MBA from Manchester Business School with 17 years diverse experience across Asia, MENA and Europe primarily in the Oil and Gas EPCI/EPCC turnkey projects; progressing from roles within engineering, procurement, quality management and construction to overall project management including tender bid preparation.

Recognised by senior stakeholders as an excellent communicator with a keen eye for details, resourceful and astute in providing solutions, thrives in multicultural settings, able to lead in difficult situations, and has exceptional teaching abilities. Demonstrated versatility by undertaking varied roles throughout career.

Exemplary servicing of industry-renowned corporations; possesses large-scale project experiences with direct strategic and operational responsibilities for planning and execution towards target completion. Previous experiences servicing ZADCO, GASCO, TAKREER (UAE), Saudi Aramco (KSA), MOG (Libya), SOC (Iraq), COOEC, CNOOC (China), PETRONAS (Malaysia), NIOC (Iran), OLT, AGIP, ENI (Italy), Husky Oil (Canada), Norsk Hydro Statoil (Norway), ALCAN (Australia) and VINA Offshore (Vietnam).

**Objective**

Career enhancement by securing a challenging and rewarding role, to transfer knowledge gained from previous experiences, and to contribute to the best of my abilities in an organisation that offers and supports opportunities for development and career growth.

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**Key Achievements**

* Managed multiple noteworthy projects simultaneously, even in complicated operational circumstances, transitioning smoothly upon completion of target outcome.
* Hand-picked to take on projects in disarray, and authorized to make decisions and execute plans in order to achieve targets.
* Change Leader role in multinational corporations to implement corporate and operations strategy. This includes training peers and senior stakeholders to be aligned with Head Office directives.
* Garnered knowledge from several sectors; adaptable and able to transfer knowledge and skills accordingly.

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**Career History**

**March 2015 – current PSD Global Sdn. Bhd., Malaysia**

1. **Feb 2016 – Oct 2016:** **Programme Manager & Trainer**

* Collaboration between Human Resource Ministry and Sarawak State Foundation. Designed, managed and conducted training of 5 modules - Welding, Structure, Piping and Pipeline Design, HSE, and Petroleum Industrial Knowledge. Part of state government’s effort to increase knowledge workers amongst locals and subsequent industrial placements of participants. Courses were run at Centre for Technical Excellence Sarawak (CENTEXS), Kuching. Average 40 participants per 10-day programme.
* Designed, managed and **c**onducted 10-module Project Management training for government-linked consultancy (FELCRA) in Kuala Lumpur. 21 participants, middle and senior management.

1. **March 2015 – Dec 2015: Project Manager**

* Seconded to an EPCC turnkey contractor in Petronas LNG plant, Bintulu, Sarawak.
* Reported directly to Country Manager. Managed 7 engineers, 3 technicians, 2 quality inspectors plus direct supervision of site subcontractors’ personnel, off-site vendors and support function personnel; approximately 35 persons.
* Analysed, addressed and resolved core issues that caused project overruns and steered field works.
* Revised Procurement and Subcontracting Plans, emphasising strict adherence to avoid further sunk cost.
* Appraised availability of resources and developed project requirements, allowing for contingencies based on lessons learnt and trends. Spearheaded negotiations, reducing costs by up to 35%.
* Early completion and claim of Change Orders amounting to 7% of total project value.
* Customised work schedule and developed integrated solutions with vendors/subcontractors to revitalise project taskforce and fast-track schedule. Progress reports and look-ahead plans based on actual daily achievements and realistic projections.
* Maintained positive cash flow, despite project funding uncertainties, through elaborate planning of activities and resources, reducing wastages and achieving early completion date for claims submissions.

**Jan 2014 – March 2015 Roles while pursuing MBA -** *Details can be discussed in confidence*

* Project coordinator/secretariat for a national-level forum in Malaysia; a collaborative effort endorsed by the State government, Members of Parliament and associated NGOs.
* Advisor to an international business consultancy on EPC turnkey contracting in the Middle East.
* Advisor to aspiring Oil and Gas market entrants from UAE, Singapore and Malaysia.
* Mediated PSC negotiations between concessionaires and agencies - Myanmar and Dubai.

**Oct 2012 – Dec 2013 Central Platform (CEP) Operations Project Manager: SAIPEM Singapore Pte Ltd**

* Autonomous role. **Liwan 3-1 Deepwater project**. Client **CNOOC-Huskly Oil China Limited** (CNOOC-HOCL)
* Project Management Office in Singapore and Shenzhen (China); fabrication yard in Qingdao (China).
* Led works in China, coordinated and managed engineering teams in Paris and Singapore (20 personnel)
* Planned and oversaw procurement of all required material, equipment and personnel while close-monitoring activities along the supply chain to ensure precise delivery and quality control.
* Appraised, selected and led operations team (42 personnel). Commissioning of equipment for operations. Issued spot Purchase Orders worth over USD15mil for installation aid structures.
* Monitored topside (35,000MT – largest in Asia) fabrication; ensured works completed prior to load-out.
* SIMOPS, risk assessment and mitigation planning with Client for deepwater campaign.

**Sep 2011 – Oct 2012 Project Manager: UNAOIL E & C, Dubai – UAE**

* Unaoil is based in Monaco. I was working in Basrah, Iraq and Dubai, UAE for this role. Client was Iraq Southern Oil Company (SOC).

**Project**: SOC Project 3838 - Skid Mounted Gas Turbine Power Generation Unit EPCC; **Value**: USD 120million **Scope:** EPCC contract for 3 nos. 27MW Gas Turbine Generator packages (Rolls Royce RB211) in Southern Iraq (PS-1, Zubair1 and Tuba) to primarily supply power for existing pumping stations, surplus to feed grid.

* Led site surveys in Iraq to investigate and verify scope. Defined project responsibility matrix.
* Negotiated terms of contracts with client, OEMs (Rolls Royce & ABB) and potential subcontractors.
* Validation of project budget and approval of internal cost reports.
* Setup project team (27 persons), led design optimisation and risk analyses, and facilitated efforts to set up engineering base in Yerevan, Armenia.

**Project**: S397 Iraq Crude Oil Export Expansion Project Phase 1; **Value**: USD 53million

**Scope**: Construction, Installation and Pre-commissioning of twin 48” Pipelines, auxiliaries and utilities.

* Facilitator between Iraq and Dubai teams, progress meetings representative and action plan owner, interfaced with engineering subcontractor (Mott MacDonald, Mumbai).

**July 2008 – Sep 2011 Principal – Project Engineering Management: SAIPEM Sharjah Engineering – UAE**

* Based in UAE, worked on multiple projects in Libya, Italy, UAE and Saudi Arabia.

**Strategic Project:** Workload Management Solution (WMS)

**Consultants:** Accenture Management Consultants (AMC) & Computer Associates (CA)

**Role:** Change Manager for SAIPEM SpA, UAE /Workload Coordinator & Trainer

* Worked with AMC and CA throughout training modules, deployment and implementation phases.
* Customised, organised and delivered training of Department Managers, Project Managers and Project Controllers to implement WMS using software “Clarity”.
* Coordinated integration of HR & project database with External and Inter-Group engineering control software and Group data warehouse. Organization’s rapid expansion necessitated acceleration of data cleansing, synchronizing parameters and launching date of software.

**Project:** Saudi Aramco Long Term Agreement (LTA) Project – 11 Jackets Installation and Completion

**Role:** Contractor Representative/Construction Manager

**Scope:** Installation and completion works of 11 new jackets in Hasbah, Arabiyah, Safaniah, Marjan & Karan Oilfields, Offshore Kingdom of Saudi Arabia.

* Managed 54-men crew and Client representatives (Quality and Project personnel) on-board vessel.
* Ensured works performed as per schedule and met Aramco HSE and quality requirements.
* Organised regular safety drills, monitored material and supply inventory and personnel schedule.

**Project:** Sabratha Platform SAIPEM SpA-HHI Western Libya Gas Project 33320 – Final Documentation & Closing

**Client:** Melitah Oil, National Oil Company, Libya; **Value:**  Euro 90million**; Role:** Project Manager

**Scope:** Completion and handover of Final Dossiers for a project commissioned 6 years prior.(Topside 12,000MT – world record offshore lift then).

* Platform inspection, identifying and solving technical glitches, and liaised with 65 different vendors around the globe to complete tasks.
* Formed and led task force of 17 engineers at Melitah Oil Complex (Sabratah) to fulfil contractual obligations and client’s current documentation requirements.
* Prepared Operations & Maintenance Manual, accounting for major changes and modifications.

**Project:** Floating Storage Re-gasification Unit (FSRU) Livorno - Italy

**Client:** Livorno OLT, Italy; **Value: ~**Euro 400 million; **Role:** FieldProject Engineer

**Scope:** Conversion of LNG carrier to FRSU**.**

* Monitored process modules’ (T-16 & T-20) construction at Lamprel yard in Jebel Ali Free Zone, Dubai.
* Coordinated detailed engineering progress, and installation & integration works at Dubai Dry Docks.
* Prepared progress reports for Client, ensured material inventory adequate, coordinated manpower mobilisation, clearing of punch lists & providing in-situ engineering solutions.

**Tender Bid Preparation**

**Project:** TAKREERAbu DhabiSeawater Intake -3 (SWI-3) EPCC Works Proposal

**Estimated Value: ~**USD 350 million (Lump Sum); **Role**: Technical Manager

**Scope:** EPCC contract for Pump House, Substation & Dosing Unit. Primary purpose to meet increasing demand of cooling water for nearby expansion programmes. Entire structure of Pump House to be constructed on reclaimed land.

**Project:** ADGAS Fluor Integrated Gas Development Proposal– Das Island, Abu Dhabi, UAE

**Estimated Value:** ~USD 1 billion (Lump sum); **Role:** Procurement and Bid Evaluation Coordinator

**Scope:** EPICbid for modularised process, utility and offsite facilities, marine works, offshore structure fabrication and installation, construction of a dedicated jetty, interface management and providing relevant process guarantees to cater for design capacity of1000MMscfd dry gas.

***Site Visits during Tender***:

Sole company representative during several large (more than USD1bill value) tender site visits. Visits range between several days to multiple trips. Field reports produced and preliminary analyses performed were among input for Head Office’s “Bid-No Bid” decision process.

**Project:** GASCO Abu Dhabi Sulphur Station & Pipelines EPC Package Proposal

* Visited proposed Sulphur Station site, pipeline corridor & existing facilities at Habshan 1-4 and Habshan 5 to identify tie-ins, potential pit-falls, pipeline crossings etc.

**Project:** ZADCO Abu Dhabi Offshore Satah Full Field Development Proposal

* Visited existing plant in Zirku Island to identify and log tie-ins, constructability analysis, constraints for pipeline shore approach, environmental impact and proposed Produced Water Treatment plant. Subsequent visits to 3 Well Head Platforms (WHP-06, 09 & 01) and Production Manifold Platform (PMP) to identify key areas of concern and logistical constraints. Followed by visit to Arzanah Island to analyse marshalling yards, hot works areas & licenses/permits requirements etc.

**Project:** ZADCO Offshore Abu Dhabi Upper Zakum (UZ) 750-K Proposal (Project 8383)

* Visited Zakum Central Complex (ZCC), South, North & West Satellite Platform (SSP, NSP & WSP), existing 7 Wellhead Platforms, ADMA OPCO platform and Artificial Islands facilities’ proposed locations of new equipment, critical process tie-in locations and general routing of major lines.
* Managed technical bid preparation for Brownfield scope of work and led presentations during clarification meeting with client.

**Aug 2006 – July 2008 Project Engineer: PETROFAC International Ltd. – UAE**

* Based in UAE, worked on multiple projects in Iran, Tunisia, Caspian (Kazakhstan) and Kuwait.
* Deputy proposal manager and costing engineer in high-value tender proposals such as Kuwait New Refinery Process Package (est. USD3.5bil, 615,000bopd – largest in the world) and Anaran Field Development, Iran EPCC: 2 nos. Gas-Oil Separation Plant (GOSP), production wells, water supply wells, water re-injection well, Booster station, flow lines and CS Oil and Gas Export Pipeline (est. USD 2bil).
* EPCC and Operation of Hasdrubal Onshore Gas Terminal: 120 MMscfd Export Gas, 15,000bpd of Stabilized Condensate, and 418 tonnes per day of LPG products (value USD 450mil) - certification of all equipment and overall plant, Inter-discipline coordination, planned and expedited procurement activities, and interfaced between Tunisian regulatory body, client and vendors for inspection and certification works.
* Managed 35 nos. Air Coolers’ manufacture, delivery and installation for Kashagan Field Development project by Korea Heat Exchangers (KHE), meeting critical delivery window during harsh winter (-45C)

**May 2006 – Aug 2006 Field Project Engineer: Vietnam Offshore Fabrication & Engineering Ltd. – Vietnam**

**Project:** Alcan Gove (Australia) 3rd Expansion - G3 PROJECT; **Client:** Alcan Alumina and Bauxite Ltd.

* Fast-tracked 42 nos. module completion activities at Chan May Port, Vietnam.
* Among the Super Pre-Assembled Modules (SPAM) were the Boiler (711PAM919SP), Air Heater (711PAM925SP), Evaporators (664PAM916/917/918SP) and Digester (634PAM926/927SP).
* Assisted Project Manager in overall resource requirement planning, with particular emphasis on local content (owing to Indochinese sensitivities), and execution of field activities.
* Prepared daily progress report and claims. Represented company during daily HSE meeting.

**April 2004 – May 2006 Project Engineer: KNM Process System Bhd. – Malaysia**

* Internationally accredited manufacturer of process and storage equipment. I was based in KNM’s Melaka Fabrication Shop (MFS).
* Evaluated potential vendors’ and contractors’ techno commercial proposals and led negotiations.
* Managed company’s first-ever English-Russian translation of all project documentations, from sourcing of resources to final acceptance by client. Overall expense under 60% of budget allocated.
* Prepared cost and quantity estimates of weld consumables and surface coating material based on historical performance data, technical expertise guidance and engineering documents.
* Negotiated long-term alliance with subcontractor for Post Weld Heat Treatment, Load Out and Transportation services, saving procurement and mob-demobilisation costs by up to 20%.
* Point of contact for works supervisors, plant manager and quality inspectors and Client resident engineers for matters pertaining to progress status, including construction drawings and Manufacturing Data Records, solving non-conformances, identifying potential pit falls and risks, and look-ahead plans.
* Mobilised required resources to Melaka jetty, within several hours notice, to perform completion activities on 3 nos. of 400MT equipment to meet client’s load-out schedule and avoid LD charges.

**Projects:**

* **JGC-Saudi Aramco-Foster Wheeler, Rabigh Oleofins, Saudi Arabia** - 22 nos. Carbon Steel (CS) and 14 nos. Stainless Steel (SS) Towers and Columns up to 200MT (Weight), 30m (Length) & 6.5m (Diameter)
* **Alcan Gove 3rd Expansion, Australia** - 16 nos. CS Pressure Vessels up to 400MT (weight), 42m (Length) & 8m (Diameter).
* **AGIP KCO Petrofac Kashagan Field Development, Kazakhstan** – 18 nos. SS-Cladded & CS Columns up to 300MT (Weight), 35m (Length) and 7m (Diameter).

**Feb 2003 – April 2004 Procurement Executive: Panasonic AVC Shah Alam – Malaysia**

* Part of Global Procurement Services Centre (GPSC), I interfaced daily with Panasonic Osaka (Head Office) as I was assigned procurement of Critical Items for both Digital & CRT TV.
* Frequent discussions with assembly line schedulers and planners based on Inventory, Sales and Production (ISP) report and weekly Order Examination Sheet (OES) generated based on global MRP to determine required resources and estimated workload to fulfil Panasonic business plan.
* Led Panasonic’s deployment of a new computer software used to procure Long Lead & Critical Items. I was selected to conduct training of peers and senior management staff on the applications of this software.
* Initiated efforts to reconcile accounts with suppliers by detailing items rejected during material receiving to reduce a backlog of 3 years of payment discrepancies; particularly important for items of high-cost.
* Supported Manufacturing Engineering (ME) and Research and Development (R&D) personnel in procuring substitute items or one-off purchase of item not listed in database.
* Crisis management during global shortage of specific Integrated Chips (ICs) including assistance to management team mobilised to negotiate with supplier and manual printing of thousands of blank IC chips to provide to production line to avoid downtime.

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**Education**

**2013 - 2015** **Manchester Business School,** University of Manchester – UK

Master in Business Administration (MBA), Merit Class

**2010 – 2011 Centre for Financial Management,** Dubai – UAE

Diploma in Financial Management

**1999 - 2002** **University of Adelaide,** South Australia – Australia

Bachelor of Engineering (Hons) Mechanical Engineering

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**Additional Information**

**Languages**: English, Malay (Fluent); Tamil (Conversational level)

**Interests:** Field hockey (coached and played at national-level competitions), cricket (state-level representation), football, athletics, history, music (7 years formal studies & examination - Royal School of Music, London)

**Affiliations**: Institution of Mechanical Engineers (IMechE), UK; Project Management Institute (PMI); Board of Engineers, Malaysia (BEM); University of Adelaide Alumni; Manchester Business School Alumni.

**Development Plans**: Project Management Professional (PMP) accreditation with PMI (April 2017), Chartered Engineer accreditation with the Engineering Council of UK (ECUK) and BEM (H1 2017), CFA Level 1 fulltime course completed (Dec 2017 examination planned), active participation in webinars, conferences, seminars, workshops and exhibitions (pertaining to finance and economics) hosted by local and international institutions and industry leaders, Member of Malaysia Institute of Management (MMIM) – ongoing.

**Current Salary:** Project-specific **Expected Salary**: Negotiable

**References**: Furnished upon request.