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EXECUTIVE SUMMARY

My aspiration is to become a chartered and full-fledged engineer. Thus, I'm associating myself with an oil and gas company, where I am directly involved with Project Management Team (PMT) and design engineering, mostly for projects and initiatives, driven by main players in industry e.g. Petronas Carigali, Shell, ExxonMobil, SapuraKencana, Petrofac, MMHE, etc. **Currently, I am primarily focused on engineering design and construction of static equipment such as gas scrubber, pressure vessel and storage tank; with accordance to the international standards e.g. ASME VIII Div. 1, API 510, ASTM, TEMA, for both onshore and offshore applications.** In fact, I am well exposed and experienced in EPCC projects. Prior to that, I am well covered with broad range of application engineering and technical support experience of equipment as in piping, instrument valves, rupture disks, level instruments and emergency pressure relief vents. As a results-oriented person with a successful record of accomplishments in securing both major and minor project tenders, I have proven my ability in contributing technical and engineering expertise, also in project management in regards to my related disciplines. Hence, in accordance with my diverse experiences, I would look forward to serve and establish myself within a progressive organization in oil and gas industry, and to be in a position where puts me in a line of job which utilizes my technical competency. Also, **I am even more enthusiastic to deliver my capabilities through engineering integrity and in an effective way for the betterment of the company and my long term career**, in order to grow myself further.

KEY PROJECTS INVOLVED

1. EPCC of Gas Lift Scrubber – Petronas Carigali (SBO).
2. Construction, Installation and Commissioning of SS Storage Tank.
3. Turn Around of Pressure Vessel.
4. Decommissioning of Mild Steel Tank.
5. Provision of Rupture Disks for FPSO Berantai Offshore Operation – Petrofac.
6. Fabrication of F13K & E8K Compression Module & E11p-B Tie-in Modifications – Kencana HL/Shell.
7. Sepat Early Production System (MOPU) – Kencana HL/Petrofac.

EMPLOYMENT & WORK EXPERIENCES

Ogas Trade Sdn. Bhd.

Dec. 2012 to present

Designation : Mechanical Engineer

- Job Descriptions :
1. Involved in engineering design, construction, installation, commissioning, project management and cost estimation of process equipment such as gas scrubber, pressure vessel, storage tank, heat exchanger, vessel internals, and boiler.
 2. Provided mechanical design calculation analysis for pressure refining equipment in accordance to client's PTS, DEP, codes and standards, and specification requirements.
 3. Reviewed and cross-checked inter-discipline design documents e.g. P&ID, GA drawing, datasheets, BoM, piping isometric and equipment layout.
 4. Assisted in drafting and reviewing QA/QC procedures pertaining to fabrication, commissioning and installation.
 5. Participated in clients meetings, vendor meetings and inter-discipline meetings.
 6. Coordinated with fabricators on Material Take-Off (MTO) and cutting plans as to ensure the efficiency of fabrication process.
 7. Witnessed shop inspection e.g. NDT & material inspection, testing e.g.

- FAT/SAT, and assist in pre-commissioning of process equipment packages prior to shipment to the project site; if required.
8. Ensured that all necessary test and inspections as identified in the approved Inspection and Test Plan (ITP) meet the client's specifications.
 9. Determined project and contractual obligations, scope of supply, service, terms and conditions of contract in particular project.
 10. Assisted in establish job cart, scope of work and man-hours estimation for project as to ensure the effective usage of project resources, cost and delivery.
 11. Planned and prepared the schedule, monitor the progress of the project at different stages of its development until completion, and ensured the project fits the progress anticipated in the schedule within time frame and budgetary.
 12. Worked and maintained close loop with Principal in cost estimation, technical clarifications, preparing the proposal up to sign off to ensure bid strategies are aligned with project requirements.
 13. Prepared MTO, quotation, equipment requisition, schedules, submittal and reports, carry out vendor technical bid evaluation; carry out vendor drawing/data review and vendor data incorporation.

Daya Maxflo Sdn. Bhd.

July 2011 to Dec. 2012

- Designation : Project & Application Engineer
- Job Descriptions :
1. Handled and responded to daily RFQs along with various enquiries regarding pressure and flow control, piping, valve and instrumentation products.
 2. Determined project and contractual obligations, scope of supply, service, terms and conditions of contract in particular project.
 3. Planned and prepared the schedule and monitor of project progress, tender documents, proposal/quotation, and attended to project kick-off meeting.
 4. Worked and maintained the loop with Sales Department, Product Manager and principal in doing engineering design, cost estimation, technical clarifications, preparing the proposal up to sign off to ensure bid strategies are aligned with project requirements.
 5. Multi-tasked employer through managing and evaluating multiple RFQs/ITBs or provision of a technical bid content for the projects as determined by Sales Manager and AEQ Manager.
 6. Appointed by AEQ Manager to handle all instrumentation product lines, enquiries and projects related.
 7. Contributed and directly involved in securing tender of projects from both end-users and contractors, worth a total value of more than RM 2,500,000.
 8. Managed to increase company revenue and net profit in 2nd and 3rd quarter of 2012 around RM 750,000 in providing application engineering and quotation, and technical support for projects and particular product lines.
 9. Liaised and maintained close communication and established good connection with key personnel from end-users.

Hanson HeidelbergCement Group

June 2010 to Sept. 2010

- Designation : Trainee Engineer (Quarry & Premix)
- Job Descriptions :
1. Assisted in premix plant start-up, operation, control, mix process (blend) and troubleshooting.
 2. Drafted a blasting design layout before liaised with shot-firer and blasting engineer.
 3. Prepared technical reports on drilling activity, explosives handling and charging, scheduled production blasting and monthly aggregates stock movement.
 4. Inspected on specifications of each drilling and charging process, and to setup vibrometer prior to production blasting.
 5. Prepared checklists for quarry plant maintenance and safety audit on daily and monthly basis.
 6. Involved in heavy machinery, crushing and premix process plant, scheduled/non-scheduled operation and maintenance.

PROFESSIONAL TRAINING(S)/COURSE(S)

1. Oil & Gas Safety Passport (*NIOSH*).
2. Product application training – pressure gauge, instrument valves, pressure regulator, actuator, tube/pipe fittings and fluid control equipment (*Circor Instrumentation Technologies & Crystal Engineering Corp*).
3. Product sizing and application training – rupture disk (bursting disc), explosion vent, buckling pin relief valve (BPRV), and pressure/vacuum relief valve (*BS&B Safety Systems*).
4. Product design, sizing and application training – flame/detonation arrestor, emergency pressure relief vent, gauge hatches and vapour control equipment (*Enardo Inc*).
5. Quarry induction programme, fire and safety hazard, Occupational Safety and Health Act (OSHA) 1994, and quarry management and operation (*Hanson HeidelbergCement Group*).

SKILLS

Engineering Software & Designing Skills

1. Microsoft Office (Project, Word, Excel, Power Point)	>5 years	Expert
2. Adobe (Photoshop, LightRoom, Flash, Illustrator)	5 years	Expert
3. Pro/ENGINEER (Pro/E) or Creo Elements/Pro	4 years	Expert
4. Pro/MECHANICA – Pro/Mechanism (FE Analysis)	3 years	Advanced
5. AutoCAD and MatLab	2 years	Intermediate

Hands-on & Technical Skills

1. Engineering and QA/QC activities related to the design, procurement, construction, commissioning, installation and handover of projects in compliance with applicable laws, codes and standards	2 years	Advanced
2. Knowledge and experience relevant to QA/QC and Health, Safety and Environmental (HSE) procedures	2 years	Advanced
3. Working knowledge of industry codes and standards and ability to put these standard into practice e.g. ASME VIII Div. 1, API, ASTM, ANSI	2 years	Advanced
4. Working knowledge of process equipment e.g. pressure vessel, gas scrubber and storage tank, as well as other equipment as in instrument valves, rupture disks, pressure relief valve, level instruments and piping	2 years	Advanced
5. Working knowledge of project management and planning, project tendering, TRP, ITB, RFQ, application engineering and quotation	2 years	Advanced
6. Working experience as a project planner/scheduler	1 year	Intermediate

ACADEMIC & EDUCATION QUALIFICATIONS

Universiti Teknologi Malaysia

Feb. 2013 to Present

Qualification	: Master's Degree – M.Sc. Petroleum Engineering
Major	: Drilling Engineering & Well Completion, Reservoir Engineering, Enhanced Oil Recovery (EOR), Formation Evaluation, Applied Geoscience & Geophysics, Production Engineering, Reservoir Simulation, Petroleum Economic & Management
Expected Graduation	: February 2015 (<i>Part-time</i>)

Universiti of Nottingham

2008 to 2011

Qualification	: Bachelor's Degree – B.Eng. (Honours) Mechanical Engineering
Grade	: 2 nd Class, Division One

Universiti of Nottingham

2007 to 2008

Qualification	: A-Level Certificate – Foundation Programme in Engineering
Grade	: 2 nd Class, Division One

ACHIEVEMENTS & AWARDS

1. Appointed by AEQ Manager and higher management to manage entirely regarding instrumentation product lines, client enquiries and projects related (2012).
2. Directly involved and contributed in securing both major and minor projects tender which were originated by end-users, with a total value of more than RM 2,500,000 (2012).
3. Managed to increase company revenue and net profit in 2nd and 3rd quarter around RM 750,000 (2012).
4. MARA Potential Scholar (2011).
5. MARA Scholarship Award – four years consecutive (2007 – 2011).

PROFESSIONAL MEMBERSHIP

Certification : Associate Member (AMIMechE)
Membership No. : 80099892
Issuance Date : 7th December 2011
Issuance Organization : The Institution of Mechanical Engineers, UK (IMechE)

JOB PREFERENCES

Availability : Immediately after notice period of one (1) month
Possess Own Transport : Yes
Preferred Work Location(s) : Anywhere in Malaysia/overseas
Preferred Job Type : Full time/Contract
Willingness : Travel and/or relocate under short notice, able to multitask, work under pressure and work flexible hours

REFERENCES

1. Ir. Mohd Khairulariffin bin Samin
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2. Mohd Aladasani bin Ariffin
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