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# Anoop Chithrasenan

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A naval architect by education who has worked for a little more than 12 years in the marine and oil & gas industry in the Middle East, Far East and USA in various capacities such as

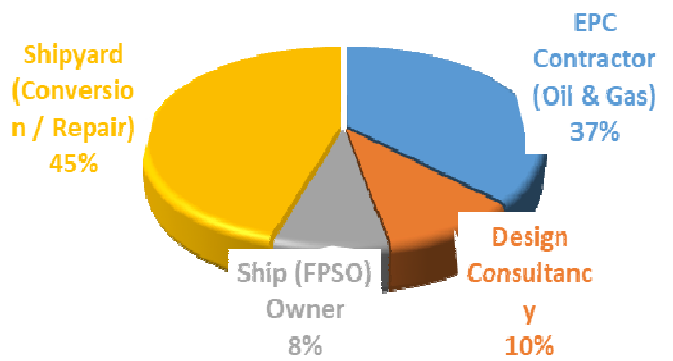
- a Project Manager/Estimator/Invoicer in major ship-yards / EPC firms,
- a Cost Control Engineer for an FPSO owner and as
- a Naval Architect in engineering design firms and consultancies

all undertaken as a part of a self-regulated rotational training to attain a hands-on holistic understanding of the industry.

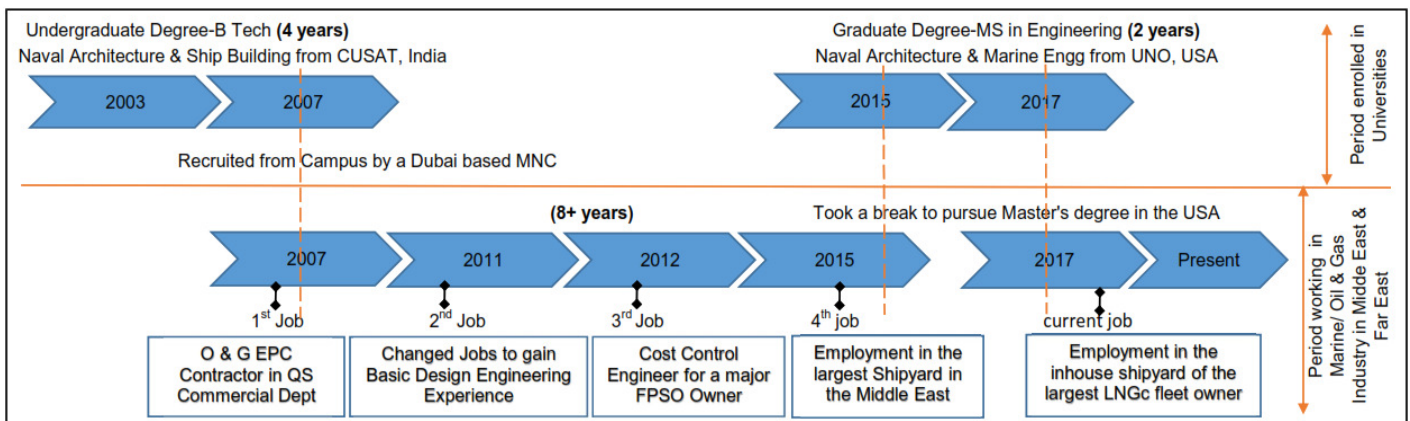
## INDUSTRY EXPERIENCE & INTER DISCIPLINE EXPOSURE LEVELS

Discipline	Competency
Cost Control/ Estimation/QS	● ● ● ● ●
Contracts	● ● ● ● ○
Planning	● ● ● ○ ○
Engineering	● ● ● ● ●
Procurement	● ● ● ● ○
Project Management	● ● ● ● ○
Construction/Production	● ● ● ○ ○
QC / Safety	● ● ○ ○ ○
Commissioning	● ○ ○ ○ ○
Marketing/Sales/Client Retention	● ● ● ● ○

### 10+ YEARS INDUSTRY EXPERIENCE (MIDDLE EAST & FAR EAST)



## CAREER TIMELINE CHART



## WORK EXPERIENCE

Company : **Burness Corlett Three Quays DMC EST., UAE (July '19 to present)**  
 Designation : **Naval Architect**

- Handling various varied engineering requirements in the capacity of a naval architect.

Company : **Nakilat-Keppel Offshore & Marine, Qatar (Nov '17 to July '19)**  
Designation : **Sr.Estimation Engineer in Commercial Division-Repair & Conversion Projects**

- Preparation of tenders for dry docking, afloat repair, retrofit and conversion projects.

During my tenure in this firm I,

- was instrumental in securing the order for the first ever SOx Scrubber retrofit project executed in the middle east
- was entrusted with leading the first ever turn-key BWTS Retrofit project carried out in the shipyard; (especially the engineering phase that was historically excluded by the shipyard till date)
- was engaged in the FEED study of the ME-GI conversion project for our principal's LNGc fleet.

Company : **Dry Docks World, Dubai (August '12 to June '15)**  
Designation : **Estimator/Invoicer in Commercial Division-Repair & Conversion Projects**

- Responsible for commercial health of repair and conversion projects.
- Exercising control over labour and material expended for the projects.
- Preparing and providing tenders for additional works and variations in original work scope.
- Arranging and liaising with OEM and sub-contractors.
- Providing commercial approval for major material and equipment procured for the project
- Preparing and providing regular budget updates to the client for aiding them in reviewing and controlling their budget.
- Provide estimate and budget (material and labour) to various trades for work execution
- Continuous monitoring to ensure that the material and labour consumption is within the stipulated limits to ensure that the commercial health of the project is maintained throughout.
- Conducting routine time and motion studies for reviewing established man-hour consumption norms for the regular repair activities carried out in the yard and to identify means to increase productivity.
- Reviewing sub-contractor's rates and drawing up contracts for annual price lists.
- Commercial negotiation where necessary with sub-contractors and vendors.
- Commercial negotiation with client for final monetary settlement of project for works executed.

During my tenure in this firm I was involved in the below listed projects:

- An FSRU conversion & a jack up drilling rig reactivation (multimillion man-hour projects) and
- Docking/afloat repairs of most types of marine vessels

Company : **BW Offshore-Contract Basis (October '11 to July '12)**  
Designation : **Cost Control Engineer for FPSO BW Athena (ex-BW Carmen) Conversion Project**

- Responsible for reviewing and approving tenders prepared by the conversion yard.
- Responsible for reviewing and approving change orders prepared by conversion yard.
- Monitoring variation and growth in original scope and amending budget accordingly.
- Working with the Project Manager and discipline heads to work out the most cost effective solution to production issues when called upon.
- Commercial Negotiation with the Conversion yard.
- Aiding in the final commercial settlement of the project. (Was instrumental in the final settlement of the project to the advantage of the owner and references/recommendation may be provided on request).

Company : **Aries Marine LLC, Dubai (January '11 to October '11)**  
Designation : **Naval Architect in Design and Project Management Division**

- Engineering and Project Management of Marine and Offshore Projects.
- Representing owner's interest in various capacities (both technical and commercial) in contractor's facilities.
- Front End Engineering and Design for Ship Owners and Shipyards.
- Conducting Marketing Surveys for Prospective Ship Owners, Yard Developers and Infrastructure Investors.
- Preparation of Invitation to Tender documents (Technical Specifications only) representing ship owners for floating to ship building yards.
- Conducting feasibility studies for new build and modification projects in shipbuilding and Oil & Gas sector.
- Conceptual Design for New Build vessels
- Conducting Inclining Experiments, lightship surveys etc.
- Preparation of Trim and Stability Booklets.
- Structural Strength Calculation Reports with the help of design software and also by direct computing when the situation demands it.
- Reviewing/Approving drawings made by drafting team.
- Preparation of such other booklets as Emergency Towing Arrangement Booklet, Fire Plan etc.
- Carrying out general engineering calculations such as heat load/loss calculations.
- Condition, on/off hire and pre-purchase survey of vessels.
- Providing hands on consultancy services for ISM, ISO and ISPS Documentation Works.
- Reverse Engineering.

Additionally, the added responsibility of marketing the firm in various other global shipping hubs like Singapore, Greece etc. was also entrusted in me during my tenure there.

Company : **Specialist Services, Dubai (May '07 to November '10)**  
Designation : **Proposals Engineer in QS-Commercial Department**

- Preparation of accurate cost estimates.
- Preparation, compilation and submission of proposal documents, both technical and commercial, ranging from single page budget quotes to comprehensive tender packages for refurbishment, repair and new-build projects in Oil and Gas sector.
- Conceptual design prior to detail engineering.
- Responsible for all activities from receipt of an enquiry up until the effective conversion of the enquiry to an awarded job.
- Quantity Survey, Project Cost Control and Monitoring
- Responsible for issuing variation orders and any additional tenders after the commencement of the project by working in conjunction with the Project Manager/Production Personnel.

In addition, I was also employed with the Mechanical Engineering department in College of Engineering of University of New Orleans as a Teaching Assistant (work involved grading and taking occasional lectures in 'Design of Machine Elements').

## **EDUCATIONAL BACKGROUND**

- MS in Engineering (Naval Architecture and Marine Engineering) from UNO, Louisiana, USA.

### PROGRAMMING/SOFTWARE SKILLS

Software / Programming Language		Competency	Software / Programming Language		Competency
FEA (Strength)	STAAD.Pro	● ● ● ○ ○	Mooring	OrcaFlex	● ● ● ○ ○
	ANSYS	● ● ● ● ○	Production Eng'g	TRIBON	● ● ○ ○ ○
	SOLIDWORKS	● ● ● ○ ○	Programming Languages	PYTHON	● ● ● ● ○
Stability	Autohydro	● ● ● ● ●		FORTTRAN	● ● ● ● ○
	Orca3d	● ● ● ● ○	MS Office	Excel	● ● ● ● ●
Hydrodynamics	WAMIT	● ● ● ● ○		Word	● ● ● ● ○
	CAD & Modelling	Rhinoceros3d		● ● ● ● ○	Project
AUTOCAD		● ● ● ● ○		Powerpoint	● ● ● ● ●
Modelmaker		● ● ● ● ●		Access	● ● ● ○ ○

### CODES AND STANDARDS-FAMILIARITY LEVELS

Codes & Standards	Familiarity	Codes & Standards	Familiarity
IACS Members Class Rules	● ● ● ● ●	PED	● ● ● ○ ○
SOLAS	● ● ● ● ●	ISO/ ISM/ ISPS	● ● ● ● ○
MODU	● ● ● ○ ○	Harmonized European St'ds	● ● ● ○ ○
NORSOK	● ● ● ○ ○	DNV 2.7-1,2 & 3	● ● ● ● ●
API	● ● ● ○ ○	USCG	● ● ○ ○ ○

### SWOT (SELF ANALYSIS)\*

<ul style="list-style-type: none"> <li>◆ Analytical Thinking</li> <li>◆ Goal Oriented</li> <li>◆ Creative</li> <li>◆ Industry Experience (12+ years)</li> <li>◆ Holistic grasp with Mastery in Eng'g &amp; Cost Cont</li> <li>◆ Self Starter</li> <li>◆ Team Player</li> </ul>	S	W	<ul style="list-style-type: none"> <li>◆ Tendency to Micromanage</li> <li>Reluctance to make compromises in work-life balance ◆</li> <li>◆ Irrational focus in attaining perfection</li> </ul>
<ul style="list-style-type: none"> <li>◆ Require little to no training to commence work</li> <li>◆ Excellent track record in damage control &amp; salva</li> <li>◆ Versatile</li> <li>◆ Relevance to Cost Control Engineering in current market</li> </ul>	O	T	<ul style="list-style-type: none"> <li>◆ Single minded focus at times impede multitasking</li> </ul>

**\*Note: Relevance of listed points increase with increasing distance from the vertical axis**

#### Annexures:

- 1) Selected Letters of Appreciation