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| --- | --- | --- | --- |
| Family | SHAW | Nationality | Indian & Singapore PR |
| First | Sukumar | Date of birth | 02/12/1977 |
| Contact Email ID  | sukumarshaw@hotmail.com | Mobile/Skype | +65–94692678sukumar.milano |

##### EDUCATION

|  |  |  |  |
| --- | --- | --- | --- |
| Year | 2000-05 | Institution | Indian Institute of Technology Kharagpur (India) |
| Diploma – Degree  | Master of Technology in Ocean Engineering & Naval Architecture |
| Year | 2000-05 | Institution | Indian Institute of Technology Kharagpur (India) |
| Diploma – Degree  | Bachelor of Technology (Honours) in Ocean Engineering & Naval Architecture |
| Year | Other Courses |
| 2015 | DNVGL - Time Domain Dynamic Mooring & Riser Analysis - Milan, Italy |
| 2014 | DNV – DEEPC,SIMO Software Training - Singapore |
| 2012 | DNV - Sesam Software Training - Singapore |
| 2010 | DNV - Hydrodynamic Analysis of Offshore Floaters - Singapore |
| 2006 | GHS & Autohydro Stability Software Training - Singapore |

Language skills: 1 (poor) - 3 (good) - 5 (fluent)

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| --- | --- | --- | --- |
| Language | Reading | Speaking | Writing |
| English | 5 | 5 | 5 |  |
| Hindi (Mother Tongue) | 5 | 5 | 5 |  |
| Italian | 1 | 3 | 1 |  |

##### PROFESSIONAL PROFILE – KEY QUALIFICATIONS

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| Broad Experience in | Floater (FLNG, FPSO, Semisubmersible, Ship & Offshore Vessels etc) **FEED design & Project Execution** phase including:- New Floater Design, Conversion & Modification- Cargo Handling System – Design Liquid & Solid Cargo Handling system (Deck Crane, Gantry Crane, Quayside crane, Loading & Off-Loading system) based on vessel’s stability, motion, acceleration, side by side, tandem, structure, berthing, anchoring and mooring analysis. - Hydrodynamics - Motion, Acceleration, Airgap, Green water - Mooring Layout Configuration & Analysis – SPM, Spread, Thrusters Assisted Mooring - Naval Architecture - Structure, Stability, Sizing & Optimization, Weight Control, Inclining Test, Motion Study for Operation & Transportation- Competitive FEED - Follow up & Review - Deliverable produced by FEED contractors - Independent Analysis- FEED Assessment - Conclusions & Recommendations - Client's Representative- Technical Specification - Functional Specification - Model Test - Detail Engineering Core Team Member & Project CoordinatorMarketing - Technical Support, Vessel Construction, Supervision, and Project Management |
| Software | DNVGL Sesam (Genie, HydroD, DeepC, Simo), GHS, Autohydro, Ansys, Patran ,Staad-Pro, etc. |
| Countries | Singapore, England, Italy, Netherland, India, Malaysia, China  |

##### PRESENT POSITION

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| --- |
| Senior Naval Engineer |

##### EXPERIENCE PATH

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| Period | Company | Position |
| June,2015 -July,2016 | Eni S.p.A - Milan, Italy / London, England | Senior Naval Engineer  |
| July,2014 -May,2015 | Eni S.p.A - Milan, Italy / London, England | Naval Engineer  |
| June,2008 - July,2014 | Frigstad Engineering Singapore | Lead Naval Architect |
| May,2007- June,2008 | Jurong Shipyard Singapore | Research Naval Engineer |
| Sept,2005 - April,2007 | Sea Quest Technology Singapore  | Naval Architect |

##### PROFESSIONAL EXPERIENCE RECORD

|  |  |  |
| --- | --- | --- |
| Period | Company | Position |
| 2015-2016 | Eni S.p.A - Italy | Senior Naval Engineer |
| Period  | Client - Country –Project | Job description |
| 2015-2016 | Include info on project:Client Name: Eni S.p.ACountry: ItalyProject Name: FLNG - Coral South Mozambique Project | Include info on project:- Core Team Member- Competitive FEED - Follow up & Review - Deliverable produced by FEED contractors (Technip, Saipem & KBR) and Independent Analysis - Hydrodynamics - Cargo Handling System- Mooring Analysis - Naval Architecture - FEED Assessment - Conclusions & Recommendations - Technical Specification - Functional Specification - Model Test - Client's Representative - Model Test  |
| 2015-2016 | Include info on project: Client Name: Eni S.p.ACountry: ItalyProject Name: FPSO - Ghana OCTP | Include info on project:- Project Execution phase - Follow up & Review - Deliverable produced by Yinson Production and Independent Analysis- Hydrodynamics - Mooring Analysis - Naval Architecture - Functional Specification - Model Test  |
| Period | Company | Position |
| 2014-2015 | Eni S.p.A - Italy | Naval Engineer |
| Period  | Client - Country – Project | Job description |
| 2014-2015 | Include info on project:Client Name: Eni S.p.ACountry: ItalyProject Name: FLNG - Coral South Mozambique Project | Include info on project: Pre-FEED & FEED design- Follow up & Review - Deliverable produced by contractors.- MetOcean Design Basis for FLNG (Coral)- Technical Specification |

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| Period | Company | Position |
| 2008-2014 | Frigstad Engineering Singapore | Lead Naval Engineer |
| Period | Client – Country –Project | Job description |
| 2013-2014 | Include info on project:Client Name: Frigstad & CIMCCountry: Norway & ChinaProject Name: Frigstad Deepwater Drilling Rig Shekou | Include info on project:Basic Concept Design - Sizing & Optimization Semisubmersible Drilling Rig for 12,000 ft Water depth- DNVGL Class Approval - Stability, Hydrodynamics, Cargo Handling System, ATA & DP-Plot report |
| 2011-2013 | Include info on project:Client Name: SapuraKencana PetroleumCountry: Singapore/MalaysiaProject Name: T70 Semisub Tender Assist Rig | Include info on project:Basic Concept Design- Sizing & Optimization Semisubmersible Tender Assist Rig - Cargo Handling System – Design highly density Mud transfer system & Solid Cargo 900Mt Handling system (Deck Crane, Gantry Crane, Loading & Off-Loading system) based on vessel’s stability, motion, acceleration, side by side, structure, anchoring and mooring analysis. - ABS Class Approval - Stability, Hydrodynamics & Spread Mooring.Project CoordinatorDetail Engineering:- Structure, Stability & detail mooring layout report  |
| 2008 - 2011 | Include info on project:Client Name: SaipemCountry: ItalyProject Name: Scarabeo9 - Semi-submersible Dual Ramrig | Include info on project:**Basic Concept Design, Construction & Delivery** - Sizing & Optimization Semisubmersible Dual Ramrig for 10,000 ft Water depth- DNVGL Class Approval - Stability, Hydrodynamics, ATA & DP-Plot report- Technical Specification- **Cargo Handling System** – Design highly density Mud transfer system & & Riser, Drill Pipe, Casing , X-Tree, BOP/LMRP Handling system (Deck Crane, Gantry Crane, Loading & Off-Loading system) based on vessel’s stability, motion, acceleration, side by side, structure, berthing, anchoring and mooring analysis. Project Execution phase - Follow up & Review - Deliverable produced by Yantai Raffles shipyardand Independent Analysis- Hydrodynamics - Mooring Analysis - Weight Report / Inclining Test |
| Period | Company | Position |
| 2007-2008 | Jurong Shipyard Singapore | Research Naval Engineer |
| Period | Client – Country –Project | Job description |
| 2007-2008 | Include info on project:Client Name: SeaDrillCountry: Singapore/NorwayProject Name: SeaDrill8 | Include info on project:Project Execution phaseFollow-up- Weight Control, Stability, & Hydrodynamics report |
| Period | Company | Position |
| 2005-2007 | Sea Quest Technology Singapore | Naval Architect |
| Period | Client – Country –Project | Job description |
| 2006 - 2007 | Include info on project:Client Name: ProsafeCountry: Singapore/NorwayProject Name: Polvo - FPSO Conversion Project  | Include info on project:Project Execution phase - ABS Class Approval - Hull FEM Structure Analysis, Stability, Weight Control & Inclining report |
| 2005 - 2006 | Include info on project:Client Name: TesmaCountry: SingaporeProject Name: Brotojoyo - FPSO Conversion Project | Include info on project:Project Execution phase - DNV Class Approval - Hull FEM Structure Analysis, Stability, Weight Control & Inclining report |