



# Haroon Ramalingam, PMP

## Senior Technical Manager

Result-oriented Technical Manager with 17+ years of expertise in leading engineering projects and teams in the Upstream Oil and Gas sector. Visionary leader seeking a challenging leadership role to drive innovation, enhance operational efficiency and foster organisational growth

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## Professional Synopsis

- Strategic Engineering Leader with a **Master's in Product Design and Management** from the University of Liverpool, UK, and a **Bachelor of Mechanical Engineering** from Anna University, India.
- Boasting over 17 years of international experience in the UK, Dubai, and Bahrain, leading the design and development of upstream Oil and Gas equipment, including Wellheads, Christmas trees, Oil Field products, and Flow Control down-hole completion tools.
- Adept at leading teams to capitalise on new business opportunities, driving growth, innovation, and significant revenue increases.
- Proficient in managing profit and loss, budgeting, and financial planning to ensure sustainable growth

## Work Experience

### AXISCADES Technologies Ltd, Hyderabad, India

Apr 2022 - Present

#### Senior Technical Manager

- Lead and manage a multidisciplinary team of 60+ engineers, spearheading the technical delivery of TechnipFMC's Subsea and Surface Wellhead projects.
- Oversee daily operations, ensuring adherence to procedures and quality standards, while strategically aligning operations with business goals.
- Strategise resource planning to ensure business continuity and excellence
- Enhance team capabilities through targeted training and fostering a high-performance culture built on trust, respect, and inclusion.
- Define and monitor key performance indicators (KPIs) to evaluate team performance, implementing training and development plans to drive continuous improvement.
- Manage customer relationships and satisfaction, ensuring compliance with company policies and achieving KPIs
- Generate and present comprehensive project and financial reports to management and customers, ensuring timely payments and effectively addressing employee grievances.

#### **Significant Accomplishments:**

- Developed and implemented long-term strategic plans focusing on process optimisation, such as streamlining workflows and enhancing quality control measures resulting in a 20% increase in operational efficiency
- Ramped up hiring and increased headcount from 20 to 60 in 6 months, fostering talent and driving growth.
- Enhanced performance evaluation using First Time Right data, boosting deliverable quality from 70% to 90%.

### Ashitech, Coimbatore, India

Mar 2020 - Dec 2021

#### Engineering Consultant

- Oversaw and managed the engineering team to design patterns for casting Oil & Gas valves and pump components
- Resolved technical issues associated with pattern designs and improved existing workflow processes that helped in delivering projects on time.
- Liaised with potential customers to understand technical requirements, provided timely project updates, and evaluated proposals to align with customer needs, requirements, and budget.
- Reviewed engineering drawings for professional standards and recommended changes to supplier drawings as needed.
- Collaborated with Manufacturing, Fabrication, and Quality Control departments to ensure smooth product delivery.

○ **MTQ Oilfield Services, Manama, Bahrain**

**Aug 2019 - Feb 2020**

**Mechanical Design Engineer, Team Lead**

- Led the design team to design and deliver Oil field products such as Gate valves, Choke & Kill manifolds, Drill-through equipment, Drill string components as per API 6A, 16C, 16A, 7-1 and ASME VIII Div 1 & 2 standards.
- Acted as the focal point for resolving engineering-related issues and responded to technical inquiries.
- Designed and delivered fully functional manual, hydraulic and balance stem gate valves to API 6A specifications
- Conducted technical design reviews, created design packages and ensured compliance with API Q1 requirements
- Mentored less experienced engineers on best practices, and reviewed design documents for adequacy and accuracy against requirements.
- Resolved non-conformances, and ensured engineering design changes are implemented effectively

**Significant Accomplishments:**

- Hired to enhance the product portfolio by designing and developing gate valves. Within six months, successfully designed manual and hydraulic gate valves, creating product catalogs with key selling points that contributed to a successful market launch.

○ **SPM Oil & Gas, Dubai, UAE**

**Aug 2016 - Aug 2019**

(Previously known as Weir Oil & Gas)

**Mechanical Design Engineer**

- Designed and developed Surface Wellheads and Oil Field products in compliance with API 6A, 16A, 16C, 7-1, 7-2, 5B, 5CT, API Q1 & NACE MR 0175 specifications.
- Created engineering report on new and modified designs, to document the process and outcome of the design
- Prepared design calculations and structural analysis reports for use in design packages and third-party approvals such as DNV GL
- Developed Assembly and FAT procedures, and conducted physical testing to meet API 6A PR2 requirements.
- Collaborated with multiple departments to address design issues and implement engineering changes effectively.
- Resolved non-conformances and ensured scope changes were implemented correctly.

**Significant Accomplishments:**

- Demonstrated agility by designing and delivering a simplified sealing system within an impressive 2-week timeline, facilitating the timely delivery of geothermal wellheads.

○ **Weatherford International, Aberdeen, UK**

**Oct 2010 - Dec 2015**

**Design Engineer**

- Designed Flow Control Downhole Completion tools in compliance with API 14A, 14L, 5B, 5CT, API Q1 & NACE MR 0175 standards, managing design packages working from concept to design release with tight deadlines.
- Verified designs through hand calculations, Mathcad and where applicable using FEA ensuring compliance with design requirements.
- Led design reviews and implemented best practices that helped in identifying flaws in the early stages of design.

**Significant Accomplishments:**

- Introduced a design change in Control Line Hanger, a downhole tool, that enhanced fluid flow efficiency by reducing restrictions and increasing the fluid flow area.

○ **Tata Consultancy Services, Chennai, India**

**Nov 2005 - Jun 2010**

**Systems Engineer**

- Led a sustaining design team, successfully delivering design packages for large-scale centrifugal compressors, meeting API 617 standards.
- Collaborated with project stakeholders, ensuring effective communication and alignment throughout

## Areas of Expertise

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- Strategic Planning
- Business Development
- Project Management
- Risk Management
- Engineering Leadership
- Change Management
- Problem Solving
- Technical Presentation
- Training and Development

## Technical Skills

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- Data Analytics using Power BI
- MS Word, Excel and PowerPoint
- Microsoft Outlook and Teams
- Unigraphics, SolidWorks
- Ansys Workbench
- Teamcenter, Windchill

## Education

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- **Master of Product Design and Management**, University of Liverpool | UK Sep 2008 - Dec 2009
- **Bachelor of Mechanical Engineering**, Anna University | India Jun 2001 - Nov 2005

## Certifications

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- Certified Project Management Professional (PMP), PMI | Issued: Feb 2022 | Validity: Feb 2028
- Certified in Lean Six Sigma Green Belt, Simplilearn | Dec 2020