

## **VIJAY KUMAR N**

OLD NO. 10, NEW NO. 25 MUTHIAH MUDALI STREET, OLD WASHHERMANPET, CHENNAI, TN 600021

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### **PROFESSIONAL SUMMARY**

Motivated, results-oriented and highly organized engineer managing various parties in engineering to deliver projects on time. Seeking the opportunity to use expertise in design to meet the company's requirement. A strong communicator with the ability to translate design requirements into actionable plans.

#### **SKILLS**

- Excellent attention to detailing
- Dependable
- Hard-worker
- Good coordination skills
- Learner

#### **SOFTWARE SKILLS**

- STAAD Pro
- SACS-Basics
- ANSYS-AQWA
- AutoCAD
- MS Office

### **SUMMARY OF EXPERIENCE**

An experience of 3.5 years in various facets of Offshore Platform from Engineering, Project Management, Installation and Fabrication engineering.

- Review design analysis, calculations for Offshore Structure – Deck and Jacket
- Preparation of Design Basis, Bill of Material for Steel procurement, preparation of Material Requisition for miscellaneous items like Shock cells, Shear fender, Barge Bumpers and Rubstrips.
- Perform Pre-service analysis like Loadout and Lift analysis using STAAD Pro.
- Manual calculation for joint check, Padeye design etc.
- Conversant with codes such as IS 456, SP16, IS 800, AISC (as per requirement) and API RP 2A/2B.

### **CAREER HISTORY**

#### ***L&T HYDROCARBON ENGINEERING***

Project Engineer | Mumbai | July 2015 –2016

- Successfully completed Engineering, Construction and Installation of Bassein Development Project – BH Jacket and Deck (Client: ONGC).
- Performed Engineering design, drawing and document verification for Pre-service and In-service documents like Lift, Loadout.
- Coordinated for the Loadout of BH Jacket and Piles.

Project Engineer | Mumbai | Dec. 2016 –May 2018

- Lead Project Engineer for SAFANIYA 4 Deck Project (Client: Saudi Aramco).
- Performed Engineering design, drawing and document verification.
- Was a single point contact for loadout and Installation related matters for the Project.
- Successfully completed the installation of 4 decks on time.

Fabrication Design Engineer | Chennai | June 2018 –Jan 2019

- Design Engineer at L&T Modular Fabrication Facility, Kattupalli for Bassein Development 3 Wellhead Platform and Pipeline Project (Client: ONGC)
- Performed Lift and rollup analysis for the Jacket Panels.
- Designed padeye and trunnions using manual calculations.
- Did joint design check manually.
- Completed fabrication and Skidded Loadout of 2 Jackets (NBPE and B147A).
- Analysed and designed a shed for housing a plate rolling machine along with its foundation design.

### **EDUCATION**

**Master of Technology in Structural Engineering in Offshore Structures – I.I.T Madras (2013-2015).**

**Bachelor of Engineering in Civil – M.N.M Jain Engineering College. (2009-2013)**

### **THESIS**

- A study on “Negative added mass of Offshore Structures” – Mtech
- A study on “Flexural Strength of Ferrocement” – Btech.

**Regards,**  
Vijay Kumar N.