

CURRICULUM VITAE



Nikhil Vikram Pawar

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PROFILE:

Piping Design Engineer with **12+ years** of experience in Oil & Gas Sector in both Onshore & Offshore projects with **Excellent Communication Skills.**

CAREER OBJECTIVE:

Seeking a position to utilize my skills and abilities that offers me a prile being innovative and resourceful to the organization.

EDUCATION:

- **Post Graduation Diploma in Piping Engineering** from Suvidya Institute of Technology, Mumbai, India.
- **Bachelor of Technology in Mechanical Engineering** from Mannan Institute of Sci. and Tech., (Affiliated to JNTU), Hyderabad, India.
- Intermediate (10+2) from Nalanda Junior College, Hyderabad.
- SSC (10th) from Sainikpuri High School, Hyderabad.

TECHNICAL SKILLS:

- **Pipe Thickness** calculations.
- Pipe rack width & height calculations.
- RF pad calculations.
- Mitre bend calculations.
- Pressure drop calculations.
- Knowledge in preparation of PMS, VDS, Bulk MTO, Construction Isometrics checking.
- Familiar with **ASME codes & standards**.
- Aware of ASTM nos.
- Knowledge in development of **Plot Plan**

SOFTWARE PROFICIENCY:

- **Proficient** with **SP3D**.
- **Proficient in Aveva PDMS** Piping, Equipment, Structure, Draft, Spooler, Multi Dimensional Support.
- Proficient in **Cadworx**.
- Proficient in **Cadmatic**.
- Familiar with **CAESAR 2**.
- Familiar with Navisworks Manage and Freedom.
- Proficient with **AutoCAD2019**.
- Familiar with SP P&ID.
- Microsoft Word, **Excel**, Power Point.
- Operating System: Windows XP, Windows 7, Windows 10, Machintosh.

EXPERIENCE:

1. Working as a Piping Designer for **Haileck Engineering, Singapore** since Dec 2019 till date.
2. Worked as a Piping Designer for **HEISCO, Kuwait** since Sept 2018 till Nov 2019.
3. Worked as a Piping Design Engineer for **Tata Consulting Engineers, Mumbai, India** (On contract) since Oct 2017 till Sept 2018.
4. Worked as a Senior Piping Design Engineer for **Engineers India Limited, Delhi, India** (On Contract) since July 2016 till Sept 2017.
5. Worked as a Senior Piping Design Engineer for **Jurong Shipyard Pvt. Ltd, Singapore** since June 2014 till June 2016.
6. Worked as a Piping Design Engineer at **Punj Lloyd Engineering, Gurgaon, India**.(On contract) since Oct 2013 till May 2014.
7. Worked as a Piping Design Engineer at **Avineon India Pvt. Ltd** (Hyderabad, India)

since Nov 2008 till Sept 2013.

PROJECTS HANDLED:

Project # 1:

Project Name : Upgradation of Neste Brown Field. **Client:** TechnipFMC, Singapore. **Software :** SP3d, AutoCAD 2020, Navisworks freedom, Inventor.

Roles and Responsibilities:

- Pipe routing as per ASME B31.1. Pipe Support modelling, Site survey, Piping Layout preparation, Isometric preparations.
- Checking of ISO to make sure line parameters are updated as per the line list.
- Coordinating with Construction to ensure clash free drawings.
- Reviewing and modifying supports as per the client's comments.
- Participating in Model review and client meetings.
- Preparation of Piping MTO, Preparation of Overall plot plan.
- Preparation of Technical Queries.

Project # 2:

Project Name : Upgradation of Doha West Power Station. **Client:** Penspen, Ministry of Electricity, Kuwait. **Software :** Cadworx, AutoCAD2019, Navisworks freedom.

Roles and Responsibilities:

- Pipe routing as per ASME B31.1. Pipe Support modelling, Site survey, Piping Layout preparation, Isometric preparations.
- Checking of ISO to make sure line parameters are updated as per the line list.
- Coordinating with Stress Engineering department to ensure proper modelling of pipe supports as per the construction standard
- Reviewing and modifying supports as per the client's comments.
- Participating in Model review and client meetings.
- Preparation of Zero level MTO, Preparation of Overall plot plan.
- Preparation of Crossovers and Platforms detail drawings.

Project # 3:

Project Name : Life Extension of Well Platform, ONGC, Mumbai. **Software :** PDMS, AutoCAD, Navisworks freedom.

Roles and Responsibilities:

- Worked in Layout department for updating the comments marked on ISO check prints.
- Checking of ISO to make sure line parameters are updated as per the line list.
- Coordinating with Stress Engineering department to ensure proper modelling of pipe supports as per the construction standard
- Reviewing and modifying supports as per the client's comments.
- Isometric generation and general arrangements from PDMS.
- Preparation of Tie-in points drawings as per P&ID.

Project # 4:

Project Name : Dangote Refinery Project, Nigeria.

Software : PDMS, AutoCAD, Navisworks freedom.

Roles and Responsibilities:

- Involved in preparation of equipment modelling in PDMS as per equipment detail drawings and layouts and preparing nozzle orientations of horizontal and vertical vessels.
- Modelling of Pipe routing in PDMS as per the P&ID, material specification and branch table.
- Coordinating with Stress Engineering department to ensure proper modelling of pipe supports as per the EIL construction standard Reviewing and modifying supports as per the client's comments.
- Isometric generation and general arrangements from PDMS.
- Involved In internal and External Client review and updating of comments.
- Scheduling of outputs as per client schedule and preparing weekly progress report.

Project # 5:

Project Name : Noble Lloyd Noble (Jack up Offshore Rig). **Software :** AutoCAD, PDMS (Aveva Marine), Navisworks.

Roles and Responsibilities:

- Modelling of Pipe routing as per P&ID using Aveva Marine.
- Modelling of primary and secondary pipe supports using Multi Dimensional Supports (Aveva Marine).
- Designing of Air Cooler Piping, Expansion Drum piping in PDMS.
- Designing of Water Injection system involving Tank piping & Pump piping in PDMS.
- Modelling of equipment in PDMS like pumps, filters, exchangers and arranging them as per equipment layout.
- Checking of lines for data consistency and clashes in PDMS and preparation of clash reports.
- Extraction and preparation of Piping and Supports general arrangement drawings using PDMS Draft module.

- Checking of ISO's and preparation of BOM.
- Participating of internal review & external review and updating the comments.
- Co-ordinating with Interdisciplinary departments for project related queries.

Project # 6:

Project Name : Prosafe (Jack Up Rig) **Software :** AutoCAD, PDMS (Aveva Marine), Navisworks.

Roles and Responsibilities:

- Worked in utility piping, fresh cooling water system piping, upgrading Open Drain and Close Drain System in PDMS. Designing of Air Cooler Piping, Expansion Drum piping in PDMS.
- Modelling of lines as per the layout in PDMS.
- Extraction of Isometrics and Spool drawings using PDMS Spooler and Draft.
- Generation of GA's as per the Clients requirement.
- Co-ordination with other module leads.
- Weekly Status Report Generation for each module (Progress update).
- Raising technical query reports (TQR).

Project # 7:

Project Name : Libra FPSO Project. **Software :** AutoCAD, PDMS Marine.

Roles and Responsibilities:

- PDMS modelling of piping & equipments according to P & ID's and extracts to isometric drawings.
- Modelling of equipments such as storage tanks, Scraper launcher / receiver, filtering units, Pumps etc.,
- Preparation of the general arrangement drawings for piping using PDMS draft & AutoCAD.
- Preparation of Nozzle orientations drawings of equipments.
- Providing temporary platforms for Valve access and maintenance of equipments.
- Modelling and preparation of Support general arrangement drawings and fabrication drawings using MDS (Aveva Marine).

Project # 8:

Project Name : Mangala Polymer project, Cairn Energy, Barmer, Rajasthan, India. **Software :** AutoCAD, PDMS 11.6, Navisworks freedom.

Roles and Responsibilities:

- Study the Project Inputs and develop the Preliminary Model based on the Inputs.

- Preparation of external reviews and updation of comments.
- Worked for Drain , Fire Fighting and Utility Piping for the plant.
- Modelling of Equipment as per the Layout in PDMS.
- Involve in preparation of equipment modelling in PDMS as per equipment detail drawings and layouts of separator, chemical injection area.
- Modelling in PDMS as per P&ID i.e. open drain and closed drain, flare, fire water.
- Isometric generation and general arrangements in PDMS.

PERSONAL SKILLS:

- Highly self-motivated.
- Willingness to learn.
- Being optimistic.

ACHIEVEMENTS:

- Secured 74% Marks in All India General Knowledge Test at High School Level.
- Member of the Master XI cricket team B-2 division in Hyderabad Cricket Association, A.P, India.

HOBBIES:

- Cricket, Tennis, Music.

STRENGTHS:

- Self-confidence, Positive attitude, Helping nature and hard working.

PERSONAL PROFILE:

Name : Nikhil Vikram Pawar

Father's Name : Vikram Raj Pawar

Nationality : Indian.

Date of Birth : March 11th, 1985

Languages Known : English, Hindi, Marathi and Telugu.

I hereby state that the information furnished by me is completely true to the best of my knowledge.

Place: Hyderabad, India.

(Nikhil V Pawar)