


Piping Designer

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| Ajoy Pramanick Piping Designer 17 years Design with fabrication experience on Piping and Structural in Oil & Gas project. | Mailing Address: AA 1/1 Baguiati, D B Nagar Kolkata-700157, West Bengal, India Mobile: +91 9088884254 Email: vision_ajay@yahoo.co.in |  |
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Profile

Have above 17+ years of diversified experience in the CAD and pipe shop Fabrication in both large and start-up environment, with a multiple range of technologies, under different industry standard. Have an extensive working experience across all layers of organizations from the design level, execution team through the quality assurance executives to engineering CAD project management. Strength areas include direct technical interaction with overseas clients, project planning, estimation, and execution management with an additional advantage of having knowledge of fabrication and welding inspection.

Oil and Gas piping included CAD projects, Piping layout, Piping modelling, Piping support, Equipment modelling, Heat exchanger, CW pump and various types of system pipe modelling, Pipe ISO metric drawing generation and several miscellaneous CAD conversion projects covering all basic engineering.

Current company DCPL Kolkata Chemical cell, I have join 1st December, 2022 and working as PDMS/E3D Modeller, Doing pipe modelling for the Instrument air, steam and condensate system. Using Navisworks to generate clash result and model review. Visakh HPCL cooling tower 90% model checking and updated as per EIL comment. Steam and Condensate System, Compressed Air System Piping and Equipment modelling, Data consistency check, 90% model review, ISO metric drawing generation in ITC PM1 Rebuild Project. Unit PSPD Trbeni. Working on AVEVA Administration 1.4.0 module to project creation, Catalogue 2.1 preparations Etc.

Work Experiences

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| TCC (OMAN) DUQM REFINERY PROJECT EPC1 | Piping Designer. Since May, 2022 to November 2022 |
| SS Engineering. (Kolkata) | Piping Designer. Since December' 2019 to April 2022. |
| Exterran Energy (Sharjah, Hamriyah free zone-1, UAE.) | Piping Designer. Since November' 2018 to November' 2019. |
| Galfar Engineering & Contracting SAOG. (Muscat, OMAN) | Piping Engineer. Since April' 2018 to October' 2018. |
| Afcons Infrastructure Ltd. (Shapoorji Pallonji Group of Company) | Piping Designer (CAD), Since November' 2015 to August' 2017. |
| Axsys Technologies Limited. (Deputed at Drydocks World. Dubai) | Piping Designer Since May' 2015 to August' 2015. |
| Danieli India Ltd. (Kolkata) | Sr. Engineer, Since May' 2012 to May' 2015. |
| Blue Star Ltd. (Kolkata) | Engineer (CAD), Since June' 2011 to May' 2012. |
| Axsys Technologies Limited. Kolkata | Jr. Design Engineer (CAD), Since July' 2006 to May' 2011 |
| Texmaco Ltd. | GOI Trainee, Since September' 2005 to July' 2006 |

Technical Summary

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| Hardware Platform | Pentium I, II, III, IV, Intel Core i3, i5 & i7. |
| Operating Systems | MS Windows XP, 2000, NT4.0, and MS-DOS, Windows 10 |
| CAD Tools | AutoCAD R14 - 2021, |

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| Office Tools | MS Office, Adobe Acrobat. |
| Graphics & Raster Editing | PixEdit, Adobe Photoshop, MS PhotoDraw, CAD Overlay. |
| 3D Software | AVEVA PDMS AND E3D (DESIGN AND ADMIN), NAVISWORKS. |

| Project Overview | | |
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| Project # 1 | : | Duqm Refinery Project EPC 1 |
| Period | : | May'2022 to Dec 2022 |
| Client | : | Tecnicas Reunidas |
| Location | : | Duqm Oman |
| Environment | : | Auto CAD and Aveva PLANT PDMS. |
| Responsibility | : | Piping Designer |
| Team Size | : | 2 Piping Designer, |
| Brief Description | : | Delayed Coker Heater Item No.130F-00; Fuel oil, HP, MP and LP steam system and Condensate system pipe modeling, isometric drawing preparation. Preparation of Piping BOM, Fabrication check on small bore line fabrication. |

| Project Overview | | |
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| Project # 1 | : | P 17 A |
| Period | : | December'2019 to April 2022 |
| Client | : | Indian Navy |
| Location | : | Kolkata |
| Environment | : | Aveva PDMS and AutoCAD |
| Responsibility | : | Piping Designer, |
| Team Size | : | 10 Designers, 2 Quality Assurance Executives, 2 Engineer. |
| Brief Description | : | I have done pipe modeling of Fire fighting, Lube oil and Instrument air system, Equipment modeling, Spool fabrication drawing, and assembly drawing, MTO generation for this project. |

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| Project # 2 | : | SRVL |
| Period | : | December'2019 to April 2022 |
| Client | : | Indian Navy |
| Location | : | Kolkata |
| Environment | : | Aveva PDMS and AutoCAD |
| Responsibility | : | Piping Designer, |
| Team Size | : | 10 Designers, 2 Quality Assurance Executives, 2 Engineer. |
| Brief Description | : | FO piping, Fire water pipe modeling, Spool drawing generation and Piping Isometric drawing preparation in ISO DRAFT module in AVEVA PDMS software. |

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| Project # 3 | : | BGC NGL, IRAQ |
| Period | : | November'2018 to Nvember'2019 |
| Client | : | BGC, IRAQ |
| Location | : | Sharjah Hamriyah Free Zone-1, UAE |
| Environment | : | PDMS PLANT and AUTO CAD 2016 |
| Responsibility | : | Piping Designer |
| Team Size | : | 15 Designers, 3 Engineers. |
| Brief Description | : | Amine Skid, Pump Skid, Compressor Skid piping spool fabrication drawing preparation for Natural Gas Liquids processing plant. Pipe modeling for the system of instrument air, fire water, Hydro carbon line, by using PDMS software. Spool drawing generation and Isometric drawing generation for construction. |

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| Project # 4 | : | YIBAL KHUFF PROJECT |
| Period | : | April'2018 to October'2018 |
| Client | : | PDO OMAN |
| Location | : | Yibal Khuff, OMAN |
| Environment | : | PDMS PLANT, AUTO CAD 2016 |
| Responsibility | : | Piping Designer |
| Team Size | : | 5 Designers |
| Brief Description | : | Various types of system pipe modeling, equipment modeling, ISO drawing preparation for site construction with site supervision. |

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| Project # 5 | : | J3 RELIANCE JAMNAGAR |
| Period | : | November'2015 to August'2017 |
| Client | : | RELIANCE. |
| Location | : | Jamnagar, Gujarat. |
| Environment | : | PDMS and AutoCAD 2016 |
| Responsibility | : | Piping Designer |
| Team Size | : | 10 Designers |
| Brief Description | : | Flare system, AI and Fire water, CW system pipe modeling and Piping Isometric drawing preparation, spool fabrication drawing generation. Isometric drawing preparation for construction. |

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| Project # 6 | : | Rashid C |
| Period | : | May'2015 to August'2015 |
| Client | : | Drydocks World |
| Location | : | Dubai, UAE |
| Environment | : | PDMS, Auto CAD |
| Responsibility | : | Designer |
| Team Size | : | 10 Drafters, 1 Quality Assurance Executives., 1 Engineer |
| Brief Description | : | Rashid C is a well Headed Platform. I have done fire water, Instrument air system pipe modeling. Pipe isometric drawing preparation. |

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| Project # 7 | : | HSM SAIL BOKARO. |
| Period | : | May'2014 to May'2015 |
| Client | : | SAIL BOKARO |
| Location | : | Bokaro, INDIA |
| Environment | : | Steel Plant Project Site. |
| Responsibility | : | Site Engineer |
| Brief Description | : | 22T AC package erection, supply and return water line piping fabrication and erection. |

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| Project # 8 | : | MYINGYNE INTEGRATED STEEL PLANT PROJECT, MYANMAR |
| Period | : | May'2012 to May'2014 |
| Client | : | MEC. |
| Location | : | Myingyne, Myanmar |
| Environment | : | Steel Plant Project Site. |
| Responsibility | : | Site Engineer |
| Brief Description | : | Supervision on Piping and Structural fabrication and erection. Iron ore sizing and handling plant. Conveyor (196TPH) length 82 mtr. Fabrication and erection of HGTU. Head end drive pulley Tail end driven pulley erection, alignment checking, carrying and return idler fixing, self align idler fixing. |

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| Project # 9 | : | IISCO Gas Boosting Station Package 84A. |
| Period | : | June'2011 to May'2012. |
| Client | : | IISCO SAIL BARNPUR |
| Location | : | Kolkata |
| Environment | : | AUTO CAD 2007 |
| Responsibility | : | Draftsman. |
| Team Size | : | 5 Draftsman |
| Brief Description | : | Preparation of layout drawing for control room by using Auto CAD Preparation of Cable Trench Design and Detail Drawing by using Auto CAD |

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| Project # 10 | : | ABS SafeNet Ship Structure Modeling Using Safe CAD & HM. |
| Period | : | July'2006 to May'2011. |
| Client | : | ABS Infolink Inc. TX, USA |
| Location | : | Kolkata |
| Environment | : | ABS Safenet module integrated to AutoCAD 14 with MS SQL Server Database back-end, Tribon |
| Responsibility | : | Jr. Designer |
| Team Size | : | 15 CAD Designer, 2 Quality Assurance Executives. |

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| Brief Description | : | <p>The primary objective of this project is the creation of an offshore structure model in form of a MS SQL Server database for the owners to create the Facility Management documentation. Types of vessels are mainly Oil Tankers, Bulk Carriers, Rig structure, FPSO. The project is carried out by American Bureau of Shipping with Axsys Technologies Limited as one of their prime vendors in India.</p> <p>The work scope for this project includes preparation of Hull using Rhino and also with the help of AutoCAD then the Hull is saved as IGES. After that importing the IGES into the Axsys Modeler and generating sections of different part like transverse, Longitudinal, deck. Then using the section defines the subpart as per hard copy drawing. The final product is a ship structure model database integrated with Facility Management to be used by the ship owner.</p> |
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| Project # 11 | : | THPA, BHUTAN |
| Period | : | September' 2005 to July' 2006 |
| Client | : | THPA |
| Location | : | Kolkata |
| Environment | : | Site fabrication |
| Responsibility | : | Supervision of Structural fabrication |
| Brief Description | : | Supervision on Structural fabrication. |

Academic & Professional Qualifications

| Degree/Examination | School / University | Marks Obtained | Pass out Year | Division / Class |
|-----------------------------------|---------------------------------------|----------------|---------------|------------------|
| Diploma In Production Engineering | Nazrul Centenary Polytechnic (WBSCTE) | 73.00% | 2005 | 1st |
| Higher Secondary (WBCHSE) (10+2) | Krishnapur Adarsha Vidhyamindir | 48.6% | 2002 | 2nd |
| Madhyamik (WBBSE) (10) | Laban Hrad Vidyapith | 66.60% | 2000 | 1st |

Training & Course Obtained

1. One month's Vocational training at HINDUSTHAN MOTORS LTD.
2. Course attended 3 weeks training programme on AUTO CAD. Organized by MINISTRY OF SMALL-SCALE INDUSTRIES (Govt. OF INDIA)

Code and Standards Handled

IS 2062, ASME B31.3, ASTM.

Personal Information

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| Father Name: | Manick Lal Pramanick |
| Date of Birth: | 31 st , May' 1983 |
| Sex: | Male |
| Marital Status: | Married |
| Religion: | Hindu |
| Nationality: | Indian |
| Passport Detail: | Number: U9236989 Valid Till: 31st January' 2031 Issued at: Kolkata |