

Curriculum Vitae – Arjun Menon

Name: Arjun Menon

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Location: Mumbai, Maharashtra, India

Professional Summary

Detail-oriented SP3D Designer with 5+ years of experience in 3D modeling of piping and equipment layouts for oil & gas and petrochemical industries. Proficient in SmartPlant 3D, AutoCAD, and Navisworks. Adept at producing accurate piping isometrics, GA drawings, and clash-free models. Strong understanding of engineering standards and coordination with interdisciplinary teams.

Key Skills

- SmartPlant 3D (SP3D)
 - Piping & Equipment Modeling
 - 3D Clash Checking & Resolution
 - AutoCAD, Navisworks
 - Isometric Extraction
 - GA & Layout Drawings
 - Project Coordination
 - ASME, API, and ANSI standards
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Professional Experience

SP3D Piping Designer

L&T Hydrocarbon Engineering, Mumbai

Jan 2021 – Present

- Modeled piping systems using SP3D for refinery and offshore platform projects.
- Coordinated with civil, structural, and instrumentation teams for layout optimization.
- Conducted clash detection and resolved issues using Navisworks.
- Generated and checked isometric drawings and GA layouts.

Piping Designer

Technip Energies, Chennai

Jun 2018 – Dec 2020

- Created equipment layouts and piping routings for chemical plants.
 - Supported pipe support team by exporting drawings from SP3D and preparing markups.
 - Assisted in preparing MTOs and BOMs from SP3D.
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Education

Diploma in Mechanical Engineering

Government Polytechnic College, Kochi — 2017

Certifications

- SP3D Designer Certification – Hexagon Certified (2020)
- AutoCAD Professional – Autodesk (2019)