

Yokesh Chandrasekaran

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SUMMARY

- Piping Designer with 2+ years of experience in greenfield, brownfield, and as-built projects
- Skilled in S3D modeling, isometric drawings, and plant layout coordination
- Experience in CNC/VMC operations and CMM-based inspection from manufacturing background
- Familiar with ASME, API piping codes; Developing Application using Python

SKILLS

Tools: S3D, AutoCAD, SAP, Microsoft Office

Design: Piping Layout, Isometrics, P&ID Interpretation, As-Built Modeling

Tech: Python, Java, J2EE | Machines: CNC, VMC | QA: CMM, GD&T

Standards: ASME B31.3, API, ANSI

EXPERIENCE

Dexterity Design Services, Chennai | Piping Designer

Jul 2023 – Present

- Modeled 60+ piping systems using S3D for greenfield/brownfield projects
- Ensured code compliance and collaborated with multi-discipline teams
- Delivered IFC drawings and managed as-built documentation

Merind Automotive Pvt. Ltd., Chennai | Production Intern

Feb 2022 – Jun 2023

- Operated CNC/VMC machines and conducted CMM-based QA inspections
- Supported quality team and reduced part defects by 15%

Ashok Leyland, Chennai | Quality Inspector

Nov 2021 – Feb 2022

- Audited axle assemblies, maintained defect charts via SAP

PROJECTS

ACF-MB & DM (Greenfield)

- Routed pipes per codes and ensured layout clarity using S3D
- Handled tie-ins, nozzle orientation, and construction-ready models

Mangala Terminal (Brownfield)

- Integrated new routes into legacy systems; minimized disruption

Habshan (As-Built)

- Captured site conditions and updated models accurately

CERTIFICATIONS

Industrial Automation & Robotics – MSME

Python & Django Development – Self-paced

Java & J2EE – NIIT

LANGUAGES

Tamil – Native | English – Professional