

Cover Letter

2022-07-02
Sandip Chaudhary

■ Job summary

I started my Career as Service Engineer (Regional) for Automobile Conglomerate;

I was involved in :-

- Dealer standardization
- Service quality upgrade
- Spare parts audit
- Dealer viability study
- Manpower training
- Dealer development

Meanwhile, I got an opportunity to work in Japan after working for around a year.

I started my career in Japan as Piping Engineer for JGC Corporation. I was involved in;

- Material Handling
- 2D Support Drawing
- Equipment General Arrangement Drawing

Working for several FEED & EPC projects for diverse works both using in-house & design softwares for two years, I got an opportunity to work as a Plant Design Engineer in Ikebukuro from IMAC Engineering;

My responsibility includes;

- Plot plan and Piping layout drawing
- Support Drawing
- 3D Modeling using PDMS & AutoCAD Plant 3D.
- Thermal stress analysis using Auto-pipe.

Meanwhile I got an opportunity to work as a Site Manager for French consultant, BOCCARD;

My major responsibilities were;

- Overall Site management
- Mechanical, Electrical & Civil subcontractors & stakeholders management
- Schedule, design, material, manpower & cost management.
- Ensure safety at site.
- Check slope requirement and welding quality at site.
- Prepare Hand ISO for clash remedy with existing process piping.
- Propose & confirm with customer for utility piping picking point including sewer.
- Civil foundation & tank spacing consideration for ladder, accessibility & piping.
- Electrical cable tray layout, push button position, wiring (ASI loop – vampire switch, splitter, ASI – plug) for local instrument (Level, Pressure, Conductivity Meter, Temperature sensors) & solenoid valve, wiring between control cabinet to local instrument, wiring between PLCs, wiring between global cabinet and local cabinet, power cabling, communication (profinet, profibus, ethernet & optical fiber) & control cabling, wiring for motor (pump, agitator & mixer).

■Experience and knowledge

1. Good knowledge of both 2D(Plot plan, piping layout, GAD, support drawing) & 3D(Model) design, modeling and review softwares (Autocad, Plant3D, PDMS, E3D, Navisworks, Matterport)
2. Good knowledge of Piping industry materials, codes & standards.
3. Good knowledge of utility equipments (Boiler, Chiller, Compressor & Turbine) with knowledge in various forms of renewable energy power production (Biomass, Thermal, Wind, Nuclear, Hydrogen and Solar) technologies.
4. Experience in successful management and construction at site with knowledge of sustainability, occupational safety & scrum(agile & kanban).
5. Good command of Microsoft office 365 package & Microsoft project.

■Self-Introduction and How to contribute to the company

Engineer-Observe, identify, analyze and apply on the basis of Physics of matter and; solution in relation to the socio-economic aspects.

Keen Observing Capability is something natural in me that enables me to stand out among groups.

Example: I could easily point out defects in drawing; even in real life, at the working space, access ways, and staircase landing space, etc. as per the experience until now.

Along-with, the strong Enthusiasm in updating knowledge with Latest Technology trends in automation, learning & lifestyle.

Example: Started learning Python & Power-BI after knowing about their use in data handling routine work automation & visualization. Similarly, PG Diploma in Piping Design, MBA and so on.