

CURRICULAM VITAE

Sharadkumar C. Shinde

B.E. (Chemical Engineering)

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Career Objective:

Chemical Engineer seeking a position to utilize my skills and abilities in the industry that offers professional growth while being resourceful, innovative & flexible

Educational Qualification:

Sr. No.	Qualification	Percentage
1	B.E. Chemical (Distinction)	78.82%
2	H.S.C	63.00%
3	S.S.C	78.46%

“First University Rank in 2nd and 3rd Year Chemical Engineering”.

Key Notes and Skills:

- Line sizing for liquids, gases & pressure drop
 - PSV/PRV pressure setting criteria & relief events
 - Calculations of Breather valves & venting requirements as per API 2000
 - Relevant codes & standard used in chemical & process Industry
 - Control valves sizing & calculations
 - Pump calculations sizing & datasheet
 - Design of Heat exchangers
 - Design & Classifications of storage tanks
 - Aspen Hysys, Aspen Plus, PSPPM, MS- Visio
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Professional Experience: (3 years 2 months)

Ingenero Technologies, Mumbai

March 2020 – Present

Job Role- Process Engineer

Project: Lyondell Basell (Pressure Relief Analysis)

Equipment based pressure relief analysis and mitigation using Aspen Hysys, Aspen Plus and PSPPM Software for several process units of Lyondell Basell Site

1. PO-TBA (Nederland).
2. LPO Ethylene Plant.
3. MIO Olefins Ethylene Plant.
4. CLO LDPE Unit Polymers

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Responsibilities:

- Preparation of System Sketch.
- Review of Process flow diagram & P&ID.
- Identification of all credible pressure relief scenarios and quantification of relief loads.
- Preparation of base case and relief simulation in Aspen Hysys.
- Conducting Equipment wise Pressure Relief analysis and PSV Sizing as per API 520/521/2000.
- Safety relief valve, Air vacuum valves, Pressure vacuum relief valves, Emergency Isolation valves sizing and selection.
- Performing Engineering Calculation for Control Valves, Lines, Pump Hydraulics.
- Mitigating inadequate relief devices & system be generally recognized and adequate best engineering practices to eliminate safety concerns saving casualties, cost and down time of plant.
- Having Experience of reading P&ID and suggesting modification in piping.

Aequis India Pvt Ltd, Belgavi

July 2018 – Nov 2019

Job Role- Process Engineer

Responsibilities:

- Preparation of PFD, P&ID and updation of documents, equipment lists, etc
- Calculate Line sizing and pipe specifications
- Prepare hydraulic calculations and finalise pumps.
- Sizing and datasheets of process equipment.
- Preparation of Utility summary.
- Co-ordination with design, Purchase, Production and Client for project execution.

Industrial Training

- R.C.F. Ltd, Mumbai in Nitric Acid Plant. (Duration 30 days)
- R.C.F. Ltd, Alibag. (Overview of Urea Technology with plant visit)

Course Attended

- Process Design Engineering Course from “**SB TECHNOLOGIES**” Mumbai.
 - One day training on Introduction of software (HTRI, ASPEN-HYSIS and FLARENET)
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Personal Details:

Current Address : Wagle Estate, Thane, Mumbai, MH-400604
Permanent Address: At Po- Wadkshivale, Tal- Ajara, Dist- Kolhapur 416220
Date of Birth : 19th Feb1993
Marital Status : Married
Hobbies : Watching & Playing Cricket & Kabaddi
Passport : N8193449
Languages Known : English, Hindi, Marathi

Declaration:

I hereby declare that all the information provided here is correct and I promise to abide all the norms laid down by your esteemed organization.

Date:

Place: Mumbai

Sharadkumar C. Shinde