

Ganesh Tukaram Sawant B.Tech (Chemical Technology)

H-45, LIG-1, Sector 3, Near Hanuman Mandir,
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CAREER OBJECTIVES:

To make a career in highly growth-oriented Process Engineering industry. To utilize my skills & abilities in the industry that offers professional growth while being resourceful, innovative & flexible.

TECHNICAL SKILLS:

- Preparation of Data Sheets & IPDS.
- Development / Updating of Drawings (Block diagram, PFD's and P&ID's).
- Basic Engineering, Detailed Engineering & Front-End Engineering Design (FEED).
- Process utility systems with line sizing & pressure drop calculations/ hydraulic calculations.
- Process instrumentation, control philosophy and logic.
- Mass and Energy balance - Design basis, sample calculations.

WORKING EXPERIENCE:

➤ Current Experience:

➤ Vishva Associates.:

- Duration: 1st Nov 2023 to Present
- Designation: Senior Process Engineer
- **Job Responsibilities:**
 - Preparation and updating of PFD and P&ID's.
 - Performing various calculations such as Material and energy balance.
 - Performing line size calculations for various process lines.
 - Performing Pump hydraulics and pressure drop calculations.
 - Designing of process equipment's.
 - Preparation of BOM & Process data sheets of equipment's.
 - Preparation of line list and equipment list.
 - Preparation of comparison sheet.
 - Calculation of energy consumption of Process equipment's.
 - Preparation of process control philosophy for automation system.
 - Co-ordination with various project sites, vendors, consultants and contractors to ensure smooth implementation of project.
 - Performing any work as assigned by the manager and/or company as per the requirement of the job/Project.

➤ Previous Experience:

➤ Alkyl Amines Chemicals Limited.:

- Duration : 01th Jul 2019 to 20th Oct 2023. (4 Years, 3 Months)
- Designation : Assistant Engineer – Technology (Basic Engineering & Commissioning)
- **Job Responsibilities:**
 - Review of basic process / URS package given by client.
 - Utility generation capacity estimation design basis.
 - Preparation of process data sheets for fabricated brought out plant equipments covering Reactors, tanks, Pumps, Heat exchangers etc.
 - Development / Updating of Drawings (Block diagram, PFD's and P&ID's).
 - Process calculation like pipe sizing for liquid and gas
 - Pump head selection, equipment sizing.
 - Develop control logic process interlocks for smooth process operations.
 - Review supplier offers and technical discussion with bidders for plant equipments

- Review / Approval of various documents submitted by supplier for plant equipments.
- Participation in HAZOP study as scribe.
- Preparation standard operating procedure.
- Assistant during commissioning of plant.

➤ **CIPLA.LTD.**

- Duration : From 02th Jan 2016 to 15th Jun 2019. (3 years, 6 months)
- Designation : Senior Executive.

Job Responsibilities: -

- Process designing
- Developing process control and automation philosophy
- Preparation HAZOP / HIRA and FMECA report for safety purpose.
- Equipment qualification as per cGMP requirement.
- Defining Standard Operating Procedure (SOP) in safety and cGMP concern.
- Preparation of batch manufacturing record (BMR) as per process and production requirement.
- Preparation and checking of process equipment and utility equipment data sheet.
- Checking if equipment fabrication layout, PFD, P & ID, and drawing etc.
- Designing process equipment like reactors, heat exchangers, pumps and filter etc.
- participation in Technology Development, Scale up and technology transfer.
- Plant commissioning and start up.
- Interacting with R &D and engineering services.
- Interacting with technology licensors / suppliers / vendors for identifying and installing technological improvement.

➤ **AVH Chemicals Pvt. Ltd.**

- Duration : From 23th June 2014 to 30th Nov 2015. (1 year 5 months.)
- Designation : Field Officer

Job Responsibilities: -

- Pre-commissioning and Commissioning activities.

EDUCATIONAL CREDENTIALS:

- **B Tech Chemical Technology 2014**
Department of Technology Shivaji University, 71.13%
- **Diploma Chemical Engineering 2010**
Satara Polytechnic, Satara, 67.87%

SKILLS:

- Analytical, problem-solving and critical-thinking skills.
- Teamwork and interpersonal communication skills.
- Strong technical writing ability.
- Proficiency in working with process engineering and computer-assisted design software.
- Demonstrated expertise in solving highly technical problems.
- Advanced knowledge of production machinery and processes.
- High-level skill in computer technology and systems operations.

PERSONAL PROFILE:

- Date of Birth : 28- Aug-1988
- Nationality : Indian
- Marital Status : Married
- Gender : Male
- Phone : +91 9665155050
- Known Languages : Marathi, Hindi and English.

Ganesh Tukaram Sawant

Location:

Date: