

Ajey Chavan
ajeychavan@gmail.com

Permanent Address:

Flat No.21, Building 3B, Ganesh Park Society,
Off GA Kulkarni Path, Kothrud, Pune 411038
Maharashtra -India

EDUCATION

- **Bachelor of Chemical Engineering** from S.S.B .T'S College of Engineering and Technology, 2003
North Maharashtra University, Jalgaon , India with 66.71% marks
- **PG Diploma in Piping Technology** from MIT College, Pune, India which includes design and engineering 2007
of piping for chemical process industries.

PROFILE SNAPSHOT

A performance-driven professional with **nearly 15 years** of comprehensive experience in:

- Project Management -Project Engineering -Proposal Engineering -Process Engineering

- Preparing project baselines; monitoring and controlling projects with respect to cost, resource deployment, time over-runs and quality compliance to ensure satisfactory execution of projects.
- Proactively identifying & resolving problems, **ramping up the project activities** and ensuring on time deliverables in Co-ordination with cross functional department such Project, Process, Electrical, Instrumentation, Purchase and Dispatch.
- Adept at managing and planning design engineering operations involving design & development, developing detailed drawing and coordination with internal departments, reviewing equipment submittals etc.
- Reviewing the engineering / design changes (HZOP Study) & resolving quality related problems associated with design.
- Well versed in generating **BOM** such as **Valves, Pipes, Tees, Bends** and other fittings by using Project Data Base Management Tool (PDM) and uploading the same in ERP

PROFFSSIONAL EXPERIENCE

Since Feb'13

Alfa Laval India Pvt Ltd., Pune as Sr. Technical Designer (Projects (Food, Beverages & Protein- Evaporations Department)

Designing of Plate and Frame Evaporation plant –Single Effect, Two Effect, Three Effect and Four Effect Plants for varied Application like Stick Water, Corn Steep Liquor, Hydrolyzed Bone Protein, Coconut Water, HMO Concentrator, Chicken Broth, Apple Extract, Mushroom Water, Waste Water, Tea Concentrator etc.

All these Projects are mainly skid mounted prefabricated modules. Have good understanding of installation activities and Reviewing of related drawings. Well versed with hygienic fittings and drain ability concepts from fabrication point of view.

Key responsibilities:

- Responsible for:
 - Preparing project schedule
 - Project Handover
- Preparation of Mass & Energy balance, Line sizing calculation and piping specification
- Finalize Equipment layout and general arrangement drawing
- Preparation of technical specification of all equipment
- Preparation of Functional Description of process in S88 format and finalize control philosophy and conduct its FAT with automation team.
- Preparation of Installation & operation manual for proposed system and compilation of all documents.
- Supervising Installation Activities at site.
- Finalization of conceptual Piping Layout.
- Review of 3D Model.
- Commissioning and performance trial of Plants.
- Well versed in generating **BOM** such as **Valves, Pipes, Tees, Bends** and other fittings by using Project Data Base Management Tool (PDM) and uploading the same in Movex (ERP).
- Familiar with piping standards such as ASME B 16.5, ISO 2037, DIN 11850 and Sanitary fittings.
- Preparing QPC as sales support activity along with Preliminary Layouts.
- Collaborating work with Alfa Laval sites in Denmark & Sweden for project activities.
- Standardization Activities for: Cyclone Separators, Ducts, Frames and Condensate Pots.

Handled the following projects

- Diageo Ireland: Two Effect Evaporation System for Worth
- Sunflower Russia: Single Effect and Two Effect Evaporation System.
- ROSVA Biotech Russia: Four Effect Evaporation System.
- DON Biotech Russia: Four Effect Evaporation System.
- Koliba-Cez Republic: Four Effect Evaporation System. (3 Modeling Review).
- Nutrifish France: Single Effect Evaporation.
- Farm Brand Newzealand : Two Effect Evaporation.
- H&F Germany: Two effect Evaporation.
- K2 Pure Solution: Three Effect evaporation
- ADM USA: Single Effect Evaporation(Test Unit)
- DSM USA: Single Effect Evaporation(Test Unit)-Supply Project.
- ATP Australia: Two Effect Evaporation System- Installation and Supervision at ATP site in Australia.
- Abbott Canada: Two effect Evaporation.
- Krystal Kola Turkey: Two and One Effect Evaporation System.
- SPI Diana USA: Two Effect Evaporation System.
- Diana Foods: Two Effect Evaporation System.
- Glycom Denmark:Single Effect Evaporation System.
- Asiros In line Evaporator, Denmark – Two Effect Evaporation System for coconut water.
- Test Unit Friesland Chamipna, Netherlands –Single Effect Evaporation System.
- Standardization Activities for maintaining strong project data base in order to save time and resource.
- Clariant Romania: 3 Effect Evaporation System for Hydrolysate Evaporation
- PT Sorini (Cargill) ,Indonesia: 3 Effect Evaporation System for Corn Step Liquor for Poultry feed.
- P66-Rodeo Renewed (USA)- 3-Effect Evaporation System for Waste Water Treatment Plant for their upcoming biofuel refinery in California (Development of PID and Preliminary Piping 3D –Model)
- Dawn Meats UK: 2-Effect Evaporation for Chicken Broth
- Ottogi Newzealand-2-Effect Evaporation
- Levapan Colombia: 4-Effect Evaporation Sugar Solution

Feb'11-Feb'13

Larsen & Toubro InfoTech, Pune-India as Sr. Software Engineer (Functional Consultant)

Key responsibilities:

- Business Requirement Gathering.
- Preparation of Business Blue print based on the requirement & technical proposal document.
- Configuration within SAP to meet Business requirement
- Preparing configuration document.
- Uploading data in production system using upload tool as Pre go live activity.
- Planning & Execution of End user training.
- Preparation of Training Manuals & Tutor files for End users
- Preparation of Test Scripts
- Carry out the testing, Recording Process Deviation and providing solutions.

Aug'08-Jan'11

Alfa Laval Support Services, Pune as Assistant Project Executive (Department- BVP)

Key responsibilities:

- Reviewed and developed the process flow schematic, control schematic & P&IDs
- Handled the development of Process Data Sheets for Tanks
- Responsible for line sizing component selection
- Finalized the conceptual layout
- Looked after the clash checking using Naviswork
- Carried out the vendor document verification
- Prepared the quotations(QPC) as sales support activity

Project Handled:

- Maguisa (Italy) –15000 Kg/hr- Centriflow (Extraction of fats from soft tissues of pork).On site for one month at Alfa Laval Copenhagen for training and project handover.
- (ContiJuice) France-Wine Module (onsite in chopenhagen)
- SONAC-USA & Poland-Separator for Separation of blood and Plasma.
- Standardization-Standard Separator Module.

Sep'07-Jun'08

Kleenair Systems Pvt. Ltd. Pune as Proposal Engineer

Key responsibilities:

- Preparation of Techno commercial offers.
- Generation of new enquiries and follow up for existing ones.
- Development of Specification Sheets For Equipments such as Bag filters, Rotary Air Lock Valves, Blowers and Pneumatic Conveying systems.
- Sizing of Bag filter, rotary air lock valves, Air Coolers, Blowers and duct.
- Review and development of Process Flow Schematic using AutoCAD.
- Commissioning of bag filter in brekating plant at ISPAT steel in Pen-District –Raigad.
- Supervised erection activity for pneumatic conveying system for boiler house at Raymond's, Yavatmal.

Aug'06-Aug'07

Synergy Process Systems Pvt. Ltd. Pune as Project Engineer

Key responsibilities:

- Review and development of Process Flow Schematic, Control Schematic , P&IDs and equipment layout using Autocad.
- Development of Process Data Sheets For Equipments such as Heat Exchangers
- Line Sizing.
- Piping BOM
- 3D Modeling and Isometrics Using AutoCAD.
- Preparation of Process documents such as Equipment List, Line List, Valve List, Instrument Summery Sheet, Instrument Specification Sheet etc.
- Project Under Taken In Field of –Petrochemicals (N-Pentane) and Menthol.

Jan'06-July'06

Minilec India Pvt. Ltd. Pune as Project Engineer-Pilot Plant Production for Biodisel from Jatropha seeds.

Key responsibilities:

- Daily Production Handling.
- Debottlenecking Of Production Problems.
- Development of Flow Schematics & P&IDs.
- Manpower Handling.

IT SKILLS

- Well versed with the:
 - SAP Project System,
 - AutoCAD and NAVISWORK

ADDITIONAL TRAININGS

- Attended:
 - Basic Project Management & project management methodology training by Alfa Laval Corporate
 - Cross cultural program at Alfa Laval Copenhagen.
 - Completed **SAP –EHSM** Training(Externally)
 - Completed **SAP –MM** Training(Externally)

PERSONAL DETAILS

Date of Birth:	31 st December, 1979
Nationality:	Indian
Languages Known:	English, Hindi and Marathi
Marital Status:	Single
Passport No:	M9165177

