

<b>Academic Record</b>					
B Tech (Chemical Engg.)	MIT Academy of Engineering, Alandi-Pune.	8.27 CGPA	2021		
Diploma (Chemical Engg.)	Government Polytechnic, Pen	76.55%	2018		
HSC	R.C.F. Primary, Secondary & Higher Secondary School, Alibag	66.62%	2016		
SSC	R.C.F. Primary, Secondary & Higher Secondary School, Alibag	78.60%	2014		
<b>Certifications</b>					
'Process Design Engineering' course from 'SB TECHNOLOGIES' Mumbai			2024		
Natural Gas Basics - Exploration, Production & Distribution (Coursera)			2021		
Advanced Excel from (Internshala)			2019		
<b>Summer Internships</b>					
Indian Institute of Chemical Engineer's	Refinery & Petrochemical Engineering	<b>1 month</b>			
<ul style="list-style-type: none"> <li>Learned about Petroleum Refinery &amp; Petrochemical Unit Configuration.</li> </ul>					
Rashtriya Chemicals & Fertilizers Ltd. Alibag	In-Plant Training	<b>1/2 month</b>			
<ul style="list-style-type: none"> <li>Learned about different unit processes, unit operations &amp; Safety facilities in "Urea Plant".</li> </ul>					
<b>Work Experience</b>					
Elomatic Pharmalab Consulting & Engineering Pvt. Limited, Thane			Jan'25 - Present		
<b>Designation: Jr. Process Engineer</b>					
<ul style="list-style-type: none"> <li>Process Equipment List Preparation.</li> <li>Black Utility Estimation.</li> <li>Clean Utility Estimation.</li> <li>PFD, P&amp;ID Preparation for Utility distribution Network.</li> <li>Clean Utility Tender Preparation (BOQ, P&amp;ID, Equipment data sheets, Instrument data sheets preparation)</li> <li>Understanding GA Drawings &amp; Facility Layouts.</li> </ul>					
Bharat Petroleum Corporation Limited, Mumbai	Graduate Apprentice Trainee	<b>Nov'22 - Nov'23</b>			
<b>Areas of Training</b>	Refinery Planning & Scheduling, Oil Movement & Storage, Crude Distillation Unit				
<ul style="list-style-type: none"> <li>Finalization of Daily Refinery mass balance statement – "<b>Daily statement</b>" using <b>Software tools Aspen advisor, Aspen Reporter, ATOMS &amp; Scheduler</b>.</li> <li>Learned Daily activities like scheduling of Process plants, Crude oil blending, Product blending, crude tanker demurrage calculation, Product evacuation laycan calculation.</li> <li>Understanding of:           <ul style="list-style-type: none"> <li>A) Crude Assay and its impact on Product slate &amp; Technical Specifications of oil &amp; Petroleum Products.</li> <li>B) Monthly Plan, Business Plan, Monthly Tanker Plan &amp; providing month end data for Retro Analysis.</li> </ul> </li> <li>Understand Technical aspects of unit operations, Equipment's &amp; Daily operations in Plant.</li> <li>Understanding of <b>PFD'S, P&amp;ID'S</b>.</li> <li>Learned <b>SOPs</b> of different activities performed in unit.</li> <li>Learned about fire &amp; Safety guidelines and facilities available within Refinery.</li> <li>Learned about plant Shutdown, Pre-commissioning &amp; Commissioning Activities.</li> <li>Aware about Crude &amp; Product Tanker operations.</li> </ul>					
Ruchika Chemical Industries Pvt. Ltd. Tarapur	Trainee Engineer	<b>July'21 - Jan'22</b>			
<ul style="list-style-type: none"> <li>Worked as trainee engineer which involves plant operations/Troubleshooting/Emergency Handling &amp; Maintenance.</li> </ul>					

**Projects**

Project I: Wastewater treatment by Advanced separation process

- Studied and performed Experimental work on Membrane separation method for wastewater treatment.

Project II: Lab scale preparation of Nitrobenzene

- Prepared and performed physical, chemical tests and material balance for Nitrobenzene.

**Positions of Responsibility**

- **Manpower handling**- Handled a team of six workmen at Ruchika Chemical Industries Pvt. Ltd. (Tarapur) to performed plant activities in efficient, safe, and timely manner.

**Computer Skills**

- Process Simulation tools: Aspen Hysys, PRO II, DWSIM.
- MS office Word, Excel, PowerPoint, AutoCAD, AutoCAD Plant 3D

**Achievements & Extra-Curricular Activities**

- Secured 1<sup>st</sup> Rank in '**TECHNICAL QUIZ**' Competition at **SB TECNOLOGIES** Mumbai.
- Secured First Prize in '**Cooling Tower Design**' competition at **PRAKALP 2019**, MIT Academy of Engineering, Alandi-Pune.
- Participated in '**Supervisory Development Programme**' organized by **NATS & RCF Ltd.** Mumbai.
- Participated in poster presentation at **SCHEMCON 19** Chemical Engineering National Event at Ankleshwar, Gujarat

**Others**

<b>Interests</b>	Reading   Listening Music   Travelling   Cooking
<b>Skills</b>	Teamwork   Self Learner   Communication
<b>Languages known</b>	English   Hindi   Marathi.
<b>Permanent Address</b>	At & Post Navgoan, Taluka- Alibag District – Raigad, Maharashtra
<b>E-mail / Contact no.</b>	<a href="mailto:jaitujidnyesh@gmail.com">jaitujidnyesh@gmail.com</a> / +91- 9604350691
<b>LinkedIn</b>	<a href="https://linkedin.com/in/jidnyesh-jaitu-328573192">https://linkedin.com/in/jidnyesh-jaitu-328573192</a>

**Declaration**

I hereby declare that the above written particulars are true to the best of my knowledge & belief.

Date:

Place:

(Jidnyesh Jaitu)