

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

Projects	
Project I: Wastewater treatment by Advanced separation process	
<ul style="list-style-type: none"> Studied and performed Experimental work on Membrane separation method for wastewater treatment. 	
Project II: Lab scale preparation of Nitrobenzene	
<ul style="list-style-type: none"> Prepared and performed physical, chemical tests and material balance for Nitrobenzene. 	
Positions of Responsibility	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> Process Simulation tools: Aspen Hysys, PRO II, DWSIM. MS office Word, Excel, PowerPoint, AutoCAD, AutoCAD Plant 3D 	
Achievements & Extra-Curricular Activities	
<ul style="list-style-type: none"> Secured 1st Rank in 'TECHNICAL QUIZ' Competition at SB TECHNOLOGIES Mumbai. 	
<ul style="list-style-type: none"> Secured First Prize in 'Cooling Tower Design' competition at PRAKALP 2019, MIT Academy of Engineering, Alandi-Pune. 	
<ul style="list-style-type: none"> Participated in 'Supervisory Development Programme' organized by NATS & RCF Ltd. Mumbai. 	
<ul style="list-style-type: none"> Participated in poster presentation at SCHEMCON 19 Chemical Engineering National Event at Ankleshwar, Gujarat 	
Others	
Interests	Reading Listening Music Travelling Cooking
Skills	Teamwork Self Learner Communication
Languages known	English Hindi Marathi.
Permanent Address	At & Post Navgoan, Taluka- Alibag District – Raigad, Maharashtra
E-mail / Contact no.	jaitujidnyesh@gmail.com / +91- 9604350691
LinkedIn	https://linkedin.com/in/jidnyesh-jaitu-328573192
Declaration	
I hereby declare that the above written particulars are true to the best of my knowledge & belief.	
Date:	
Place:	(Jidnyesh Jaitu)