RESUME

Deepanshu Garg

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Hno-173, Pink city 1, Railway Road, Dadri, Gautam Buddha Nagar, U.P.

Languages Known:

English & Hindi

CAREER OBJECTIVE

To be associated with a leading global organization where my qualifications, skills and potential can be effectively utilized and improved to achieve expertise in my field

WORK EXPERIENCE:

 JOil India Pvt Ltd (JOil (S) Pte. Ltd.) PROCESS ENGINEER (Aug 2021 – Present)

RESPONSIBILITY: DOWNSTREAM RESEARCH & PRODUCT DEVELOPMENT

- TECHNOLOGY SCALEUP
- WASTE VOLARIZATION
- METHOD DEVELOPMENT FOR COST CUTTING
- MATERIAL BALANCE AND ENERGY BALANCE
- CONTRACT FINALIZATION, VENDOR SELECTION, QUOTATION
- FLOWSHEET PREPARATION, BFD, PFD ETC.
- CAPACITY CALCULATION
- PARTICIPATED IN EU ISCC AUDITS, GOLD STANDARD CERTIFICATION ETC.
- SOP'S PREPARATION
- MEETING WITH POTENTIAL CUSTOMER FOR PRODUCT DISCUSSION

2.VITALIFE LABORATORIES (PROCESS ENGG) (Aug-2020 to Aug 2021)

RESPONSIBILITY: MATERIAL BALANCE AND ENERGY BALANCE

- SOLVENT SAVING & LOSS REDUCTION
- PLANT WISE CAPACITY CALCULATION
- UTILITY CALCULATION (LINE SIZING, FLOW RATE REQUIRED E.T.C)
- COST SAVING
- PREPARATION OF BFD, PFD
- DEBOTTLENCKING

3.SATYESH BRINE CHEM PVT LTD (PROJECT ENGG) (Dec-2019 to April-2020)

RESPONSIBILITY: BROMINE PLANT CONFIGRATION AND COMPLETION

- ENGINEERING AND CONTRACT FINALIZATION
- CORDINATION WITH COLLEAGUES, VENDOR & CONTRACTOR

4. GUJARAT ALKALI & CHEMICALS LTD. (JAN 2019 TO DEC 2019)

RESPONSIBILITY: LEARNING ABOUT THE PROCESS OF (NAOH, HCL, BLEACH, CHLORINE LIQUIFICATION, CHLORINE COMPRESSION EVAPORATORS, CONCENTRATION UNITS, HYDROGEN PEROXIDE Mfg.

- HANDLING OF MATERIALS
- HELP IN PRODUCTION PLANNING
- NEW METHODS TO IMPROVE PLANT CAPACITIES
- CALCULATION RELATED TO UNIT EXPANSION
- INVENTORY MANAGEMENT
- MATERIAL AND ENERGY BALANCE

ACADEMIC QUALIFICATIONS

Qualifying	Discipline/	Institute of	BOARD	Year of	Percentag
examination	specialization	education		passin	e
				g	
B-Tech	Chemical engineering	Dr. KNMIET	AKTU	2013-	78.52%
				2017	
Intermediat	PCM with computers	D.A.V	CBSE	2013	78.4%
е		PUBLIC			
		SCHOOL			
High school	Science stream	D.A.V	CBSE	2011	79.8%
		PUBLIC			
		SCHOOL			

AREA OF INTEREST: Heat transfer, Mass Transfer, Fluid mechanics

PROJECT: CONVERSION OF WASTE PLASTIC INTO FUEL:

Plastic waste is heated in the absence of oxygen, which produce gas mixture which is further condensed to obtain liquid which used in boilers, furnace etc. On further treatment it can be converted into diesel and other products.

Training (7/6/2016 to 5/7/2016)

Done training at **HARYANA DISTILLERY ltd, YAMUNANAGAR** where I learned About the process & production of **ETHANOL, DENATURED ALCOHOL.**

CERTIFICATES:

- Energy Conversion Technologies (IIT Guwahati)
- Chemical Process Safety-NPTEL (IIT Roorkee)
- BASIC ASPEN HYSYS NPTEL (IIT Guwahati)

STRENGTH AND ABILITIES:

- Punctual.
- Attentive.
- Erg to learn new things.
- Can simply adapt with the new situation.
- Self-motivated person.
- Good presentation skills.

EXTRA CURRICULAR ACTIVITIES

- Conducted Chemical Societies in College
- Coordinated sports event at college fest
- Coordinator of discipline committee

PERSONAL DETAILS:

FATHER'S NAME Mr. Harish Garg **MOTHER'S NAME** Mrs. Poonam Garg

DATE OF BIRTH 31.10.1995 **GENDER** Male NATIONALITY Indian LANGUAGE KNOWN

English, Hindi

Hno-173, Pink city 1, Railway road, Dadri PERMANENT ADDRESS :

Gautam Buddha Nagar, UP

DECLARATION:

I hereby declare that the above information is correct and complete to the best of my knowledge & belief

Deepanshu Garg