

# Curriculum vitae

## AKSHAY MOTISING JADHAO

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### CAREER OBJECTIVE

To develop my career as a successful chemical engineer who can contribute his technical skills and knowledge for achieving the goals of the organization.

### BACKGROUND

Currently working as Lead Design Engineer in **SRF LTD Gurgaon.** since July 2018. The organization is engaged in the field of manufacturing of Fluorochemicals and Speciality chemicals.

Previously worked at **Aarti Industries Ltd** (July 2015- July 2018) as Sr. Process Engineer. The Organisation is engaged in the field of manufacturing of Bulk and Speciality Chemicals.

### PROFILE SUMMARY :

- Process engineering activities involving Basic Engineering Package & Detailed Engineering Package.
- Piloting and Kilo lab production for Product validation.
- Process Safety Studies like HAZOP, HIRA, JSA, What if, Fish Bone Analysis and RCA.
- Providing Engineering inputs to R&D groups/Pilot Plant.
- Manage Customer visits and various audits from Technical Team.
- Alliance between Operation, Marketing and Customer Marketing Team.
- Part of Customer Scheduled Discussions
- Conduct and Provide Technical documents in Process safety studies
- Coordinating with contract manufacturer for Production Targets and operations.
- Coordination with cross functionalities to achieve unanimous goal of organization.

### EXPERIENCE

#### **SRF LTD (4.9 Years):**

- Handling Customer Oriented Products for Chemical giants.
- BEP, DEP detailing & Piloting for new campaign based and Dedicated Plants.

- RnD & Pilot to commercial plants scale up for customer Molecules Packages as well as internal molecules.
- Detailing of campaign based products, its optimisation and improvement projects.
- Worked on Agro as well as Pharma molecules in Multiproduct Plants for campaign based products.
- Provide clarifications to the consultant on process engineering related issues.
- Responsible for overall engineering delivery plan risk identification, monitor risk management plan and mitigation among stakeholders.
- Closed coordination with Plant and cross functionalities.
- Provide process engineering support to Operation Team for pre-commissioning and commissioning of the plant.
- Identifying bottlenecks in achieving the targets and suggest the solution for capacity or Yield or Product Specifications.
- Handled complex chemistries like Butylation, Fluorination, Bromination and Pyridine based chemistry.

#### **AARTI INDUSTRIES LTD (3Years):**

- Worked in Unit Processes like Batch and semibatch Nitration, Esterification, Hydrogenation and continuous Alkylation, Nitration, Hydrogenation, Chlorination.
- Customer Audits like TFS, Safety and Product audits.
- Technical Support in ISO audits.
- Automation of Batch and Semi batch Esterification and Continuous process for minimum manpower operation in sequence mode.
- Process line Detailing, Gap analysis of existing plants for reaction and downstream section.
- Risk assessment studies like HAZOP, What if, Fish Bone Analysis and RCA.
- Brown and Green field projects for existing and new plant expansions.

#### **PROJECTS**

- BEP and DEP for specialty Plants of volume 250Cr, 100Cr and bulk products with 24000TPA & 36000TPA capacity.
- Multiple campaigns based product Including Cryo reactions.
- Worked on fluoro and MPP Plant effluent Oxidizer for ETP
- BEP, Detailing and Proposal, For Esterification 1000 TPM to 1500 TPM capacity and For MMA 3000 to 6000 TPM production.
- Commissioning of 1000 TPM Alkylation Plant along with separation columns and 120 TPD Nitration plant.
- Gap analysis of Reaction and isomer Separation section, Utility and Storage tank for NT plant to achieve 120 TPD production.
- Overall Energy requirement reduction in Plant by changing unit operation.

### **SUMMER TRAINING**

Undergone 1 month training during 15th May to 14th June 2014, at L & T CHIYODA, LARSEN AND TOUBRO LTD VADODARA (GJ).

### **ACADEMIC DETAILS**

Pursued B. Tech Degree with Ist division(64%) in Chemical Engineering (2011-15) from Laxminarayan Institute of Technology, Nagpur.

<b>Examinations</b>	<b>School /College</b>	<b>Board /University</b>	<b>Percentage</b>
B.Tech ( Chemical Engineering)	L.I.T NAGPUR	R.T.M.N.U NAGPUR	64%
H.S.C	R R Lahoti Sci. College Morshi.	State Board Maharashtra	79.67%
S.S.C	Shivaji High school Morshi.	State Board Maharashtra	89.07 %

### **SOFTWARE PROFICIENCY**

- Aspen
- SAP
- MixIT
- VISIO.
- Auto-CAD.

### **PERSONAL PROFILE**

Name : Akshay M Jadhao  
Father's Name : Motising P Jadhao  
Mother's Name : Nisha M Jadhao  
Date of Birth : 20-04-1993  
Marital Status : Married  
Languages Known : English, Hindi, Marathi, Gujrati(Beginner)

### **DECLARATION**

I hereby declare that the above mentioned information is true to the best of my knowledge.

Date:

Place: Gurgaon, Haryana

Akshay Jadhao