

## Viralkumar Kailashbhai Patel

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**OBJECTIVE** To innovate ideas and improve skills such as problem solving abilities, leadership and functional expertise. Maintain performance and increase ability of creation, understand and take action.

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**SKILLS & ABILITIES** AUTOCAD, PV ELITE, HTRI software

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EDUCATION	Degree	Board/Univ.	School/ College	Year	Percentage
	SSC	GSEB	BIGRI HIGH SCHOOL	2007	83.85 %
	HSC (SCIENCE STREAM)	GSHSEB	LMP HIGH SCHOOL	2009	78.60 %
	BE (MECHANICAL ENGG.)	GTU	GEC, SURAT	2013	73 %
	ME (THERMAL ENGG.)	GTU	MGITER, NAVSARI	2015	72.8 %

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**PROJECT** BE (Mechanical Engineering) June 2012-13  
Design and analysis of hydraulic scissor lift table  
The final year project named “Design and Analysis of hydraulic Scissor lift table”, we carried out the study of the material handling equipment and design hydraulic scissor lift table. For this we met Modi Material Handling Company, Udhna and seen different lifting machinery and hydraulic lift tables. Also get catalogue of material handling equipment.

ME (Thermal Engineering) June 2014-15  
Numerical analysis of shell and tube heat exchanger using HTRI  
Numerical analysis of a shell and tube heat exchanger is carried out using HTRI software. Overall Performance data such as heat transfer rate, overall heat transfer coefficient and effective temperature difference are the main concern of the project with 2D-3D drawing of heat exchanger geometry and analysis using process parameter such as flow rate, inlet-outlet temperature of fluid, thermal conductivity, pressure drop and fouling factor.

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**TRAINING** **ATUL LTD** June 2012  
I was a trainee at Atul limited and mainly visited the Colour department in that company and learned about the different equipment such as filter press, pressure vessel, swirler, chiller, heat exchangers, compressors and controlling devices e.g. gauges, valves and piping were concerned of studies.

Such training useful for study of equipment design and functioning. safety were also major part of training which included safety banner, safety equipment, first aid kit, proper execution and etc.

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#### EXPERIENCE

##### **Sterling lab, Hosur**

November 2015- April 2016

Six month completed at Sterling lab on position of Mechanical Engineer (Maintenance engineer cum boiler operator). During that period, responsible for boiler inspection, testing, operation and maintenance.

Documentation of all testing or running activity, fuel supply, valve condition and maintenance schedule etc. Check and monitor the whole plant and continuous coordination with team for further action.

##### **Chemech Engineering Limited, Hosur**

December 2016-

17

Working as a Mechanical Engineer (QA/QC) in Chemech Engineering Ltd, Hosur. Documentation of drawings, material summary, reports and recording of all testing activities and observation sheet. Check, monitor and approval of documents.

##### **Suzlon Energy Limited, Daman**

January 2018-19

Worked as a quality assurance engineer since year ahead at SEL, Daman.

Inspection and testing of arrived material and component condition. Also functioning of crane and hydraulic machines, gear box, Generator and main bearing; further improvement and assembly.

Make sure for proper alignment before assembling major rotating component such as Gear box, Generator and main bearing; further improvement and assembly.

Preparation, inspection and submit the standard data sheet for approval after final testing. Also ensure about the activities and initiatives implemented had been aligned with the standard.

##### **Aerocomp Precision Engineering**

March 2020-21

Worked as an Assembly Engineer with Aerocomp precision engineering, Hosur.

Inspection and preparation of materials (King pin, gears, shaft, housing, etc.) for assembly and component condition for final assembly. Check and make data sheet of subassemblies as per given specification. Also testing of assembly for further requirement.

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#### PERSONAL DETAILS

Viralkumar Kailashbhai Patel

Male, 29 years old

Nationality: Indian

Address: Shree Sai row house, Near Sardar Market, Devsar, Bilimora, Gujarat

Blood Group: AB+

Declaration

Thereby declare that the information given above is true and correct to the best of my knowledge.

Place:

Yours Sincerely

Viral Patel