

# Kalarav Bhavasar

Go getter, Team leader, Fast Learner

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## CAREER OBJECTIVE

To enhance and showcase my skills and knowledge working along the best and highly trained, skilled professionals. Where I can learn and contribute for the betterment of the employer.

## WORK EXPERIENCE

- CASCADE STAR (Aug'2020):** As an Assistant Manager of the North zone I take care for the sales, marketing and Technical support for the company. Along with the Installation and training for the new machines.
- ADITYA BIRLA GRASIM INDUSTRY (Unit: Indian Rayon) (Aug'19 - Aug'20):** I was a part of Maintenance team at the Caustic Soda unit of the Indian Rayon and was working on establishing the MIQA System for the whole unit along with the Design and development engineer for the unit.
- RHINO MACHINES PVT. LTD.:** Worked as a Project Trainee where I was assigned to optimize the design of the machine, with a general Modification in design of the machine the product Cost of the machine was reduced by 3.7%.

### Skills

Html	●●●○○
CSS	●●●○○
Node Js	●●●○○
React js	●●●○○
Hyper terminal	●●●○○
Solidwork	●●●●○
Fusion 360	●●●●○
Creo	●●●○○
Ansys	●●●○○

## AWARDS

**Football team captain:** for the year 2016-2017 my team won the 1st position in inter hostel tournament conducted at R.K.University

**1st position in annual football meet:** for the year 2015-2017 our team stood 1st inter college tournament.

## LANGUAGES

### Communication:

English, Hindi, Gujarati

## RESEARCH PAPER

**Design optimization of Multiflex high pressure molding machine for casting molds.** (ISSN:2349-5162, Vol-6, issue-4, pageno:72-77, April'2019, <http://www.jetir.org/papers/JETIR1904H17.pdf>)

## EDUCATION

Qualification	Institute	Score
M.Tech (CAD/CAM) (2019)	Charusat University, Changa, Anand	8.65
B.Tech (mechanical) (2017)	R.K. University, Rajkot	7.86
Higher Secondary (2013)	M.K.G.M, karjan, Baroda	68%
Secondary Education (2011)	ABPS, Veraval	76%

## PROJECTS

- Compressor less refrigeration system (B.tech):** Developed a compressor less refrigeration system using the Peltier and seback effect for the 5 Ltr. Refrigeration unit saving power consumption by 21 % as compared to the Conventional Refrigeration unit.
- Design optimization of Multiflex high pressure molding machine (M.tech):** By understanding the design of the Multiflex Machine and optimizing its design using the Solidworks and Ansys Workbench to optimize it weight and production coast of the machine by 3.7% and increasing the life of a component called Bloster Stripper assembly by over 16 months.
- REW TECH ENGINEERING WORKS (March'2020):** Designing and Developing the Sanitization tunnel project as a Project Manager for the company.