

KARAN RAJENDRA SHAH

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OBJECTIVE

To work for a progressive company where I can gain working experience in competitive environment and use my knowledge to maximize my company's profit by providing it the best services.

ACADEMICS

- Passed **BE (Mechanical Engineering)** from **K.J.Somaiya College of Engineering, University of Mumbai (2010-2014) First Class with 63.6%.**
- Passed **HSC** from **Deogiri college, Aurangabad** (State board of Maharashtra) securing **80.33% in February 2010.**
- **S.S.C** from **Saint Mary's high school, Jalna** (State Board of Maharashtra) securing **90.46% in March, 2008.**

Projects in Engineering:

- Modeling and Analysis of Centrifugal Pump.
Project includes selection of a Domestic household pump and an approach to reverse Engineering, Thereby disassembling the pump and modeling the same on CAD software's, this is then simulated in Virtual environment with real time boundary conditions, which leads us to comparison between the Practically obtained results and simulation results.
Thereby the future scope for improving the pump's performance and minimizing the pressure losses by Optimizing the pump design and the impeller.
- Process Study and Plant report at **N.R.B. BEARINGS** for 10 days.
Complete Plant and Process study, Understanding the steps and stages involving Process Planning –JIT, MRP, Estimated times, outsourcing, quality control, Packaging &Storage.

EXPERIENCE DETAILS

V2 Solutions Pvt. Ltd. – Vashi, Navi Mumbai

Design Engineer (May 2016 – Present)

Contract designing of Rooftop PV systems spanning across U.S. for one of the Top 10 solar companies.

Designing Solar system for residencies with major aspects of Installation, Safety, Turnaround time, Laws of different jurisdictional authorities with grid, and of course Cost.

Designed for 230+ houses till date and counting which accounts for more than 1MW of Green energy.

MOULDCRAFT INDUSTRIES – Vikhroli, Mumbai

Design Engineer (July 2014 to April 2016)

Leading Manufacturer and exporter of thermoforming moulds for disposable products.

Worked actively in Development and design of new products and innovative solutions. Responsible for Design of thermoforming moulds and other spare parts using Solid works, AutoCAD.

Optimizing Designs to reduce process costs and process time.

SOFTWARE KNOWLEDGE

- MS Office.
- AUTOCAD, BricsCAD.
- Solid Works.
- ANSYS.
- Solmetric Suneye.

ADDITIONAL INTERESTS

Cycling, Soap Making, Internet savvy, socializing with friends, Playing Chess.

HIGHLIGHT

- Good at communication with Management skills, Team worker and adaptable.
- I am eager to absorb new learning in my work area and from printed material.

PERSONAL DETAILS

Date of Birth: 25th August, 1992.
Language Proficiency: English, Hindi, Marathi, Kutchhi, Gujarati.
Marital Status: Single

DECLARATION

I hereby declare that all the above mentioned details are true to the best of my knowledge.

KARAN RAJENDRA SHAH