

SOHAM S SHAH

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ACCOMPLISHMENTS

- Proposed design of horizontal wind turbine to generate wind energy with help of SolidWorks and ANSYS.
- Contributed idea for a proposed model for generating electricity and recharging battery using car speed.
- Created models using SolidWorks and participated in cross-functional product-development meetings.

PROFESSIONAL SUMMARY

Experienced Mechanical Engineer for leading manufacturing company with a strong background in mechanical concepts, solid command of technologies, tools and best practices in designing mechanical equipment using Solid Works and engineering drawings. Able to design and fabricate tooling and mechanical test fixtures. Strong team collaboration skills. Work closely with team members to achieve engineering goals.

SKILLS

MS Word, MS Excel, MS Project, ANSYS,
SolidWorks, Pro Engineering, Arena Modelling,
CNC Machining.

- Extremely quick learner

WORK HISTORY

MANUFACTURING ENGINEER / Almin Extrusion

- Developed - Almin Extrusion is the company who is making collapsible printed tubes with capes for different purposes.
- During my work period we have developed a new production line and we changed processes and add an additional machine to make difference.
- Engineered - After getting all the data and calculation we have changed the extrusion process to make collapsible tubes stronger to avoid any damages and we planned to install new machine to pick the tubes directly with involving human efforts.
- Generated - After one year, we compared the results, number of damaged tubes and number of perfect tubes are now better then before, which helps to speed up the production and it has increased the flexibility, life and tensile strength of the tubes.
- This idea helps them to become more competitive in niche market industries.

Aug 2014 - Mar 2015
VADODARA, INDIA,
GUJARAT

CNC Operator / GROMAX AGRI EQUIPEMENT LTD

- Gromax Agri Equipment is the new corporate brand identify as Mahindra Gujarat Tractor Ltd.

- Performs various job functions on CNC machine like Grinding, milling, and drilling.
- We create parts for automotive tractor using different job functions on CNC machine.

May 2018 - Current
Milford, CT

CNC Machine Operator / Summit Orthopedic Technologies

- Inspection of machined medical parts
- Maintain production and quality.
- Set and monitored product standards, examining samples of raw products and processing tests, to ensure the quality of all finished products.
- Organized work to meet demanding production goals.
- Assisted machine operators with finished pieces.

EDUCATION

December 17
Bridgeport, CT

Master of Science in MECHANICAL ENGINEERING

University of Bridgeport

- Graduated with 3.3 GPA
- Project Assistant With Professor Dr. Zheng(Jeremy) Li

2015
Vadodara, Gujarat

B.S in MECHANICAL ENGINEERING

Sigma Institute of Technology, Gujarat Technological University