

NILESH R PATIL

PRODUCTION , PROJECT & DESIGN ENGINEER

CONTACT

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Ahemdabad, Gujarat

SKILLS

Communication

Risk Management

Strategic Planning

Time Management

Design & Developments

CAD Software

Material & Manpower Management

EDUCATION

DIPLOMA IN MECHANICAL ENGINEERING

INTERNATIONAL INSTITUTE OF MANAGEMENT AND TECHNICAL STUDIES

2012 - 2015

PGPME (PROFESSIONAL GRADUATE PROGRAM IN MECHANICAL ENGINEERING

INTERNATIONAL INSTITUTE OF MANAGEMENT AND TECHNICAL STUDIES

2016 - 2019

LANGUAGES

HINDI

ENGLISH

MARATHI

GUJARATI

PROFILE

Skilled in production with over 10 years of experience in the manufacturing industry, and 2 years in Mechanical Design Engineering

Extensive knowledge of the manufacturing process and the development of equipment and production lines. Outstanding design and conceptual skills with the motivational abilities to lead a team.

Dedicated to producing the best work, following safety measures, and meeting and exceeding project requirements and standards.

excellent communication, organization and time management skills. Proficient at leading on-site engineering teams, improving production processes, procuring materials

Expert in AutoCAD, Solid Edge , Autodesk Inventor, CAD softwares

WORK EXPERIENCE

PROJECT & MECHANICAL DESIGN ENGINEER

EXCELLENT EN-FAB INCORPORATION

2022 -

- Managed, planned, monitored, and reported on key project engineering goals from conception through implementation
- Worked with operators, supervisors, and maintenance departments to improve processes and troubleshoot repairs.
- Communicated daily with clients to ensure teams met specifications
- Created and presented weekly reports to clients, executives ...
- Planned, layouts fabricates, assembles, installs, and repairs sheet metal parts, equipment, and products.
- sketches, or product specifications to determine sequence and methods of fabricating, assembling.
- Playing a key role in project planning
- Research new product ideas and methods, Improve existing product and processes

Jr DESIGN ENGINEER

PARTH EQUIPMENT LTD.

2021 - 2022

- Create 2D & 3D Sketches , detail Drawings.
- Maintain Reports & Necessary Documents.
- Designed and developed a variety of mechanical and machine components under seniors.
- Assisted in the development and implementation of manufacturing processes and techniques under seniors.
- Created and maintained detailed documentation of designs, drawings

SR ENGINEER PRODUCTION

COSMIC PV POWER PVT LTD

2021 MARCH TO OCT 2021

- Supervise and liaise with a team of more than 5 engineers, technicians, supervisors and employees
- Manage the manufacturing processes, diagnose production line issues and recommend effective solutions.
- Determine production requirements, place orders with vendors and ensure the availability of materials
- Collaborated with the production team to develop accurate product prototypes
- Ensured adherence to the production budget and timely completion of projects
- Managed and improved the manufacturing processes to achieve better efficiency
- Provides training and guidance to team members to accomplish production goals.

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CERTIFICATION

**AUTODESK INVENTOR
PROFESSIONAL - 2017**

**CAD EXPERT ENGINEERING
SOULUTION LTD , SURAT ,
GUJARAT**

2017

COMPUTER PROFICIENCY

AUTOCAD

AUTODESK INVENTOR

SOLID EDGE

MS OFFICE

ACHIEVEMENTS

DEVELOP WASHER

- Develop washer for Avoiding Acciedent fro Sealent Gun . and saved material and cost by Avoiding that Accidents.

DEVELOP TRIMING TOOL

- Develop Triming Tool for Cutting Solar panel Edge After Laminates for Easy And Cost saving And safty For hands

PERSONAL INFO .

FATHER NAME - RAMDAS BHAI

BIRTH DATE - 16 / 10 / 1990

GENDER - MALE

MARITAL STATUS - MARRIED

PASSPORT NO. - P5664528

WORK EXPERIENCE

PRODUCTION SUPERVISOR

2011 TO 2018

PRODUCTION ENGINEER

2018 TO 2021

WAAREE ENERGIES LTD

- Checking & Approval of different drawings of solar panel for production.
- Good knowledge of different type of machine.(Tabber & Stringer machine, Laminator, Framing etc...
- To do The Calculation of cycle time, no. of machine requirement & find out the best outcome for suitable to our product, all requirements, speed of primary, secondary & tertiary dispatch line.
- Follow all the safety equipment's & safety procedure, daily toolbox training in plant to prevent accident. Inspection and testing of new Equipment's as per required design.

Key Result Area

- Supervising entire function of machine development parts for production to get maximum utilization of sources with quality & timely dispatched.
- Developing new jigs and fixtures for productivity of solar panel manufacturing plant. Conducting training and knowledge sharing of product quality and manufacturing process. Implementing changes as per feedback from on-field product operation.
- Maintaining a safe working environment.
- Study Instrument inputs, Prepare Manufacturing facilities Feasibility Report and Planning as per the requirement. Making module Assembly and Fix with Aluminum Anodized Frame.
- Design of structural Infrastructure for Manufacturing Facilities. Preparation of BOM, for Manufacturing, Quality, Assembly Processes. Preventive Maintenance of Tools and Equipment.
- Implementation of 5S at Work place

ASSEMBLY TECHNICIAN

2006 TO 2011

BATLIBOI LTD

- I was doing machine-repairing service for company and other side. In addition, Installation, leveling etc.
- Knowledge of Gearbox Assembly. In MTD (Machine Tool Division) in Assembly section.
- Making Speed Gear Box Assembly, Distribution Gear Box Assembly for Milling Machine. Making Spindle Assembly and Making Reading of Spindle Assembly.
- Making CNC Machine Reading, Assembly of Spindle Head and Pneumatic Drawbar.
- Making Lubricants (Copper) Pipeline for CNC and Milling Machines.
- Making CNC and Milling Machines Reading, alimnt and maintenance of machines