

## Mr. Shripad Nilakhe.

B.E. Mechanical

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### PROFILE SUMMARY

- 4 Years of Experience in Design and Development, R&D Engineering, Project Execution, Project Management, Prototyping, NPD in conformance to pre-defined technical specifications
- Know-how for Design & Development of Mechanical Products & Machine Parts
- Worked on Product Specifications, Technical Documentation, Product Proposal & Costing, Product Manual/ Catalogue preparations, Tender Enquiry
- Software: AutoCAD & Creo for 2D Drafting & 3D CAD Modeling
- Familiar of Design Practices like Drawing Release, Design Changes (ECO/ECN), Bill of Material (BOM), ERP handling, Inter-Department interactions
- Ability in creating, reading and interpreting Engineering Drawings
- Part of team for Value Engineering (VAVE) Projects

### PROFESSIONAL EXPERIENCE

- **Organization** : Forms and Surfaces India Pvt. Ltd.
- **Current Designation** : Design Engineer-Quality Specialist
- **Duration** : 17<sup>th</sup> September 2018 to Present

#### Responsibilities:

- Review and Redesign existing products to address Design Quality issues
- Ensure that designs conform to Company Standards and procedures
- Checking of Drawings, BOM, Routings in conformance to order specifications
- Responsible for correctness of Customer Submittals for approval
- Support and interact with Manufacturing teams in USA
- Support Custom Projects as well as Build To Order Projects

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- **Organization** : Kirloskar Pneumatic Company Limited.
  - **Designation** : Engineer (Design & Development Engineering)
  - **Duration** : December 2016 to September 2018 - (1.8 years)
  - **Payroll** : Adecco India

#### Responsibilities:

- Part of a Team for diversified Product/ Packages Design Development Projects having high pressure Compressors & associated parts to cater need of Defense/ PSUs
- Study Purchase Order Specifications, Technical Requirements, Governing Standards to create schematics of Assemblies/ Parts
- Preparation of Specifications, Review & Selection of Bought out Components
- Preparation of General Arrangement Drawings (GA), Layouts & Process and Instrumentation (P & I) Diagram
- Review of Contract & Obtain clarity in Technical and Commercial Specifications

- Obtain Approval of drawings, documents and Quality Assurance Plan from Client and Third Party Inspection Agencies
- Expedite procurement of Bought out components in co-ordination with Supply chain management
- Prepare Installation, Maintenance & Spare Part manuals, Order dependent technical content / documents
- Handle product related Customer Enquiry & Product modifications based on design review and inputs from customer.

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- **Organization** : Emerson Climate Technologies (India) Private Ltd
  - **Division** : R & D Engineering Centre
  - **Designation** : Project Engineer
  - **Duration** : November 2014 to November 2016 - (2 Years)

#### **Responsibilities:**

- Part of a Team for Design and Development of New & Existing Models of Reciprocating Compressors
- Responsible for Prototype Building to Perform Iterations of different Concepts in Coordination with other Departments,
- Component Development from Various Suppliers
- Inspection of Proto Components
- Benchmarking of Competitor Compressors
- Coordination with CFT for Prototyping, Assembly and Testing
- Documentation, BOM Handling, Performance Result Review & Failure Analysis by teardown
- Handle Proto Operators Team during Assembly
- Participant of team in DFMEA
- Production Plant Support Activities
- Communication & Follow-up with Concerned In Team

#### **EDUCATION**

- **B.E. (Mechanical)**, Rajarambapu Institute Of Technology, Sakharale (Shivaji University, Kolhapur) in 2014, Aggregate 67 %
- **HSC**, Yashvantrao Chavan Institute of Science, Satara in 2010, 81.83 %
- **SSC**, Anant English School, Satara in 2008, 92.76 %

#### **PERSONAL DETAILS**

- Date of Birth : 22<sup>nd</sup> February 1993
- Current address : Jitoji Apartment, Bibvewadi, Pune.
- Permanent Address : 139, Chimanpura Peth, Satara, Maharashtra. 415002.
- Marital Status : Unmarried
- Languages Known : English, Marathi and Hindi