NILESH HANAMANT PATIL

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**OBJECTIVE**

To obtain a position as an Engineer to establish high level of rational thinking and cogency in the work assigned to me and hence to constantly monitor and evaluate the quality of work at my workplace. Learning all the time and applying at apt time, is the eye of the tiger for me.

**EMPLOYMENT DETAILS TOTAL WORK EXPERIENCE: 3 Years 0 Months**

**Current organisation: *Pan Gulf Technologies Pvt. LTD***

*Pan Gulf is a group company of Pan Gulf Holding and a 3D Modelling and Detailing Engineering Service providing organisation in Steel Construction detailing following AISC standards and good quality of work. Pan Gulf also deals with Process Equipment Design and Detailing & Rebar Detailing*

**Period From** April 2017 to Present (1 Year)

**Designation: Quality Assurance Checker**

**Job Profile:**

* Model Checking, Fabrication & Shop drawings checking
* Onsite Erection drawings checking
* Co-ordinating the jobs as per information and schedule received from client
* Project co-ordination as per Structural Drawings, Architectural Drawings, RFI’s & mails.
* Certified ISO 9001-2015 QMS Internal Auditor

**Responsibilities:**

* Studying the Structural and Architectural design by client and preparing required information sheet for further implementation.
* Reviewing Fabrication shop drawings of connected assemblies, required Welds and any other information required during fabrication. Verifying the Drawing Scales, Templates, Bill of Material as per fabricator standards and other safety requirements.
* Embeds and Lintels check wherever applicable.
* Reviewing Paint or No Paint Information as per fabricator requirements, Field Welds, Galvanizing, Surface Preparations if needed.
* Reviewing Erection drawing for locations, plans, sections on plans, Typical Details and Connections with all information like field welds and orientations of fabricated assemblies.
* Miscellaneous Structures, Stairs, Pans, Treads, Landing Frames, Railings.
* Follow up with Team with respect to schedules and Email conversations.
* Preparing Project Data Sheet for easy coordination & sharing.

**Organisation: *Techflow Engineers (I) Pvt. Ltd.***

*Techflow is a 3d Modelling and Detailing Engineering Service providing organisation in Steel Construction detailing following AISC standards and good quality of work.*

**Period From** September 2016 to April 2017 (7 Months)

**Designation: Quality Engineer**

**Job Profile:**

* Model Checking as per AISC standards on Tekla Structures
* Fabrication shop drawings checking, BOM, Piece Marks, Welds, Paint Information
* Onsite Erection drawings checking
* Co-ordinating the jobs as per information and schedule received from client

**Responsibilities:**

* Studying the Structural and Architectural design by client and preparing required information sheet for further implementation.
* Requesting for any missing information (RFI) in Structural design and co-ordinating with concerned peoples.
* Anchor Bolts Model, ABM Model, Connected Model Checking with proper standards, connections given in design only with regards to steel.
* Embeds and Lintels check wherever applicable.
* Follow up with Team with respect to schedules and Email conversations.
* Reviewing Fabrication shop drawings of connected assemblies, required Welds and any other information required during fabrication. Verifying the Drawing Scales, Templates, Bill of Material as per fabricator standards and OSHA safety requirements.
* Reviewing Paint or No Paint Information as per fabricator requirements, Field Welds, Galvanizing, Surface Preparations if needed.
* Reviewing Erection drawing for locations, plans, sections on plans, Typical Details and Connections with all information like field welds and orientations of fabricated assemblies.
* Miscellaneous Structures, Stairs, Pans, Treads, Landing Frames, Railings.
* Reviewing final submittals for all Shop drawings, Erection drawings, Anchor Bolts, Embeds, MIS files, KSS files, .nc .dxf files. and other requirements if any by fabricators.

**Organisation: *Unifab Engineering Project Pvt. Ltd****.,* MIDC, Ambernath.

*Unifab is a fabrication company related to fabricate Pressure Vessels, Heat exchangers, Columns with QAP, codes and Requirements.*

**Period from** October 2015 to September 2016 (11 Months)

**Designation:** **Quality Assurance Engineer**

**Job Profile:**

* Material Quality Inspection
* Quality assure as per ASME standards
* Inprocess job inspection and preparing quality reports.
* Inspection at vendors end.
* Reading of mechanical drawings

**Responsibilities:**

* Inspecting of materials receiving in the company as per ASME standards and Purchase Order
* SS pipes grades, sizes, schedules. MS pipes grades, sizes, schedules. Noting the ID no and Heat no for each pipe.
* SS and MS plates grades, sizes. Noting the ID no and Heat No for each plate.
* Requesting from vendors for Test certificates for TPI
* Carrying out tests as required for each jobs and materials and following up for reports.
* Assuring the materials for Third party Inspection.
* Checking the job as per drawings stage wise.
* Preparing Quality reports.

**Organisation: *INPOD****,* Mahape, Navi Mumbai.

*INPOD is a infrastructural company engaged in producing Modular Houses and Offices basically serving a concept of movable modules with different sizes and requirements.*

**Period From** September 2014 **to** April 2015 (7 Months)

**Designation:** **Design Engineer**

**Job profile:**

* Preparing 3D models in Creo Parametric and drawings on Micro station.
* Preparing Manufacturing Drawings with GD&T, Assembly, Sheet metal models.
* Preparing Production Plans with respect to the Models and Drawings.

**Responsibilities:**

* Preparing Drawings according to the requirements from the department.
* Detailing in drawings with dimensioning and design considerations.
* Experience in Production Planning with shop floor supervising.
* Quality Inspection during deliveries of modules and production.
* Worked as a Site Engineer during installation of modules at Tata Housing Development Pvt. Ltd., Gurgaon & Ashoka Infraways Limited.,Goa.

**SOFTWARE PROFICIENCY**

* ***Creo Parametric***

 (Parametric Modelling, Assembly Modelling, Surface Modelling, Sheet Metal,

* ***Autocad***-2D Drafting & Designing (AutoCAD Version 2008, 2014)
* ***Tekla Structures***

**ACADEMIC QUALIFICATION**

Completed ***Bachelors in Mechanical Engineering*** from Lokmanya Tilak College of Engineering, Koparkhairane, Navi Mumbai in ***2014*** securing ***60.54%***.

Completed ***Diploma in Mechanical Engineering*** from Yadavrao Tasgaonkar Polytechnic, Bhivpuri Road, Karjat in ***2011*** securing ***69.65%***.

Completed ***Secondary School Certificate (SSC)*** from Don Bosco School, Dombivli
in ***2008*** securing ***78.00%***

**PROJECT WORK**

**STAIR CLIMBING VEHICLE- MARCH 2014**

* The main feature of the vehicle is stair climbing. The key feature is that it can be used for climbing the stairs for carrying loads in industrial applications.
* It can be modified into wheelchair for carrying handicapped persons without the aid of others help.
* The design is very simple, thus making the wheelchair very cheap and affordable.
* The feature of stair climbing is very novel and very beneficial for working patients.

**MULTANGULAR DRILLING MACHINE - MARCH 2011**

* Manage to drill on the job in any required angle.
* No need to remove the job every time.

**CO-CURICULAR ACTIVITIES**

* Attended workshop on ROBOTICS
* Member of ISHRAE and MESA

**EXTRA-CURICULAR ACTIVITIES**

* Participated in Intermediate Drawing Competition and Painting Competition.
* Participated in school level story writing, elocution competitions.
* Participated in Ganit Sambodh Examination at school level.
* Played Table Tennis at inter college level.
* Squad Member of Zephyr 2k14 at college level.
* Participated in Tata Mumbai Marathon, Dream Run (6 Km), 2018, Dombivli Pride Run (5 Km), PK Kalyan Dombivli Marathon (10 Km).

**PERSONAL INFORMATION**

**Date of Birth** **:** 29th September, 1992

**Gender :** Male

**Languages Known**  **:** English, Marathi & Hindi

**Nationality :** Indian

**Marital Status** **:** Married

**Interests**  **:**  Table Tennis, Playing Keyboard, Drawing, Sketching, Travelling.

**Address :**  202, Shree Guruprasad Co-op. Hsg. Soc. Ltd.,
 Reti Bunder Road, Opp. ‘H’ Ward, Bhoir Nagar,
 Dombivli (West), Thane - 421 202.

I hereby declare that all the information furnished above is authentic & true to the best of my knowledge.

**Place :** Dombivli

**Date :** (Nilesh H. Patil)