**Mr. Nilesh Patel (Design Engineer-Mech.)**

Contact No.: +91-9662668552

Email Id: [nileshpatel144@gmail.com](mailto:nileshpatel144@gmail.com)

**SNAPSHOT**

To work in a challenging job environment that utilizes my skills and abilities, and offers ample learning opportunities. Seeking senior level assignments in channel development in the Engineering.

**CAREER HIGHLIGHTS**

⮱ Worked as a Design Engineer at “**Space Applications Centre, ISRO, Ahmedabad**” through contract of **“Ambimat Electronics”** From 19th Dec 2011 to 16th July 2014.

* Presently working as a Sr. Engineer Mechanical Design at “**Sumeru Microwave communications Pvt Ltd, Ahmedabad**” since 17th July 2014.

**RESPONSIBILITY & ACTIVITY AT SAC-ISRO**

⮱ Making primary layout in accordance with electronics and mechanical feasible.

⮱ Model preparation based on inputs from Electronics primary layout on CAD software like Autodesk Inventor, UG nx.

⮱ From finalized 3D-Model making after frequency and structural analysis on nx or Hypermesh and manufacturing drawing for fabrication.

⮱ Clarification of drawings and periodically observation in workshop.

**RESPONSIBILITY & ACTIVITY AT SUMERU**

⮱ Making primary report of BOM as per required specifications of Antenna systems.

⮱ Model preparation based on Electronics inputs on CAD software like Solid Works & UG nx.

⮱ Finalized 3D-Model and generate Drawings after CFD and structural analysis using nx or Solid Works.

* Presenting Design Documents at varies stages of Designing.

⮱ Designing of Reflector Moulds and Pressure Die Casting Dies of Feed Components as per requirement.

⮱ Also involve in compatibility, Assembly and Integration.

**INDUSTRIAL VISIT, TRAINING AND PROJECT**

* I have done 15 days of certified official industrial training as academic project in **‘INDO-GERMAN TOOL ROOM, AHMEDABAD’** in Jan-2011.
* I have given seminar on ‘**Extrusion & Wire Drawing Process**’ in college academic years.

**ACADEMIA**

* B.E (Mechanical) from “Government Engineering College, Modasa.” (Hemchandracharya North Gujarat University) in the year 2011 with aggregate First Class (63.15%).

**CORE SKILLS**

⮱ Design & Development, Reverse Engineering and Project Management.

⮱ Tool designing (Compression moulding, Pressure die casting, Gravity die casting).

* Parametric Modelling, Surface Modelling, Sheet metal, Drafting, GD&T and FEA.

⮱ Preferred tool: AutoCAD, Solid works, UG NX, Inventor.

**PERSONAL VITAE**

* **DATE OF BIRTH** : 14th April, 1990.
* **ADDRESS** : B-303, Omkar residency,

B/H Rajdhani tenament,

Nirant chokdi, Vastral,

Ahmedabad - 382418.

* **LANGUAGES KNOWN** : English, Hindi and Gujarati
* **HOBBIES** : Reading, learning new mechanisms, playing

Cricket

* **MARITAL STATUS** : married

**DECLARATION**

I consider myself well-acquainted with the basic initial Mechanical & Technical concepts. I am sincere in all my endeavours and would try to be an asset to the organization. I hereby declare that the information furnished above is true to the best of my knowledge.

Yours sincerely,

**Nilesh Patel**