**S.KRISHNASWAMY**

No 2 Sai Anitha Appartments

Madhava mani Avenue **E-mail:** krishnaswamy.vivek@gmail.com

Velachery **Mobile**: 9962097133 Chennai-600042

**CARRIER OBJECTIVE:**

To place myself in a suitable field that gives me opportunity to exhibit my talents and explore the infinite possibilities of the field.

**EXPERIENCE**:

**Current Employer:**

**Renault Nissan Technology & Business Centre India Private Limited, Chennai**

Designation : Senior Engineer

Duration : January 2016 - present

Software : NX UG 9

Job Description : Design of **BIW** Components (Upper body & Platform)

* **Roles & Responsibilities:**

Body design responsibility for handling GO,GO+ INDIA Face lifts Project.

* Meeting project schedule as per Nissan standards(V3P process)
* Developing **Supplier Capability**
* Design of BIW change over parts.
* Responsibility for achieving Durability, CAE and safety confirmation for BIW parts.
* Feasibility study for in-house and supplier parts
* Assembly feasibility in production line.
* Resolving issues related to vehicle packaging
* Design and Part modification based on stamping and assembly requirements.
* Release of CAD models & drawings
* Support GFS activites in platform design.

# Previous Employer 1:

**FORD INDIA Pvt Ltd. (through RLE INDIA)**

Designation : **Team Leader**

Duration : 2015 to January 2016

Software : CATIA V5

* **Roles & Responsibilities:**
* Creation of work flow proposals
* Modeling of BIW and sheet metal components
* Creation of Detailed drawings and quality checking as per Ford standards
* Co-ordination with vehicle integration team for packaging study in CAD Layout.

**Previous Employer** 2:

# MAHINDRA TRACTORS:

Working as **Assistant manager operational at Mahindra Research Valley Chennai in *BIW*** department from July – 2010 to Dec-2014.

* **Roles & Responsibilities:**
* To Design Body structures as pre class’A’ surface, Sheet Metal & Plastics components for new Product & Existing Product using CAD,& Quality tools,
* Preparation of ***FRP model*** for styling approval,
* New Supplier development and new component component development with existing supplier
* Review & Finalization of design through ***DFMEA, DFM, DFA & DFS***,
* Design validation through CAE & ***DMU***
* Detailing & drawing release for part development,
* Coordinating for proto vehicle development,
* Supporting for production & manufacturing team for launching vehicle & production release.
* Support for retro fitment activities.

**Previous Employer** 3:

**LUK INDIA PRIVATE LTD.**

Worked as **Tool Designer in New product development** department from 2006-2007.

**Responsibility:** To develop progressive tools, draw tool for single clutch and dual clutch assembly, vender development

**Previous Employer** 4:

**TI DIMOND CHAINS INDIA LTD:** (Murugappa group)

Worked as **Tool Maker** in **Tool Developments– Fine blanking Division**from 2005 to 2006.

**Responsibility:** To design and develop fine blanking tools, assist in customer's product development, Accommodate design changes in tool design.

### DESIGN SOFTWARE PROFICIENCY

* IDEAS NX – 12
* CATIA V5 R15
* Team Center Engineering /PDM
* Vis mockup(DMU)

### ACADEMIC RECORDS

|  |  |  |  |
| --- | --- | --- | --- |
| ***Qualification*** | ***Year of passing*** | ***Institution*** | ***Percentage*** |
| B.Tech (Mechanical Engg) | 2010 | **S.R.M** University Chennai | 7.9CGPA |
| DIPLOMA IN  TOOL & DIE MAKING | 2005 | **N T T F -** Banglore | 73% |
| HSC | 2002 | M.V.M Higher Secondary School,  Hosur. | 79% |
| SSLC | 1999 | T. Nagar Higher Secondary School, Chennai. | 60% |

### TECHNICAL KNOWLEDGE:

* Sheet metal, Plastic Part design
* Supplier development
* GD&T and Tolerance Stack up Study
* DMU Vis Mock up
* Proto part development
* Press tools, Moulds, Fine blanking tool design and development

### AREAS WORKED:

* Designing and Manufacturing of press tools, moulds, and fine blanking tools.
* New product development.
* Proto part development
* Vendor development

### ACHIEVMENT IN ENGINEERING:

**Represented S.R.M University for SAE BAJA international held at SouthAferica.**

**PERSONAL DETAILS:**

NAME: Krishnaswamy.S

FATHER’S NAME: K.Suriyanarayanan

SEX: Male

MARITAL STATUS: Married

PERMANENT ADDRESS: NO 61, SIPCOT Housing colony, OPP LAL, Hosur-635 126.

LANGUAGES KNOWN: Tamil, English, and Hindi.

HOBBIES: Reading books

### DECLARATION:

I hereby declare that all the information given by me is correct to the best of my knowledge. I assure that if given a chance to serve your organization I will try the level best to attain the goals of the organization.

S.KRISHNASWAMY