

# Vinothkumar. J

S/o Jeganathan.P,  
1/136,V.I.P Nagar,  
Mudhalaipatty,  
Namakkal-637003,  
TamilNadu, India.  
MOBILE NO: 9597757911  
MAIL ID: vinothkmr124@gmail.com

## PERSONAL PROFILE

Date Of Birth : 12-04-1993  
Gender : Male  
Father's Name : Jeganathan.P  
Marital Status : Unmarried  
Nationality : Indian.

## LANGUAGES

TAMIL - write, read & speak  
ENGLISH - write, read & speak

## INPLANT TRAINING

•Geede Group of Companies, Coimbatore.

## Hands On Experience

- Robot integrated molding
- Hybrid molding
- Reel to reel molding
- Insert molding
- Precision part molding with closer tolerance
- Handled engineering plastic material
- High speed stamping (900 strokes/min)with carbide dies.
- Bending Tools
- Maintenance of both Stamping & molding Tools.
- Jigs and fixture Designing
- Stamping Tool & Mold Spares Planning.
- Laser Welding (Alpha Machine)
- Support development (FMEA) for production dies to identify critical risks and develop appropriate control plans
- Troubleshooting in press line and minimize die down times during production
- Knowledge to operate Tool Room Machines.
- Expert in making high precision New Stamping Tool & Injection molds.

# RESUME

## OBJECTIVE:

To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

## PROFESSIONAL RECORD:

### 2013-2017

B. Tech (Part Time) in  
Mechanical Engineering-76%  
Vellore Institute of Technology (VIT)  
Vellore, TamilNadu.

### 2008-2011

Diploma In Tool & Die Engineering  
With **78%(German IHK Certified)**  
**IHK – Chamber of Commerce and Industry**  
(Certified tool maker - Germany)  
Geedee Technical Training Institute,  
Coimbatore, TamilNadu.

### 2007-2008

S.S.L.C - **70%**  
Kongu Matric. Hr. Sec School,  
Namakkal, Tamil Nadu.

## SOFTWARE EXPOSURE

CATIA, NX-11 ,Creo , Auto Cad, Delcam,Autodesk Mold Flow  
MS office tools, outlook.

## WORKING EXPERIENCE

**KRAMSKI Stamping & molding India Pvt Ltd. Vellore, as a  
Tooling Engineer - R&D from 2011 Aug to till date.**

**DEPARTMENT :- Manufacturing Engineering. (Development)**

KRAMSKI is a German based company, Manufacturing complex technologically demanding stamped and hybrid parts, assemblies out of metal and plastic, as well as high-performance stamping and injection molding tools. They are expert in, Reel to Reel Molding, Fully automated insert assembly, Manual production / semi-automatic production, High speed stamping.

**Works Profile:-** Started my carrier as a **Tool maker** and promoted as **Tooling engineer -R&D**

## •ONSITE EXPERIENCE:

- Worked one year in **KRAMSKI GMBH. Germany.**
- Worked Three months in **KRAMSKI Srilanka.**
- Three months to Germany For transferring new project to India.

## **AREA OF INTERESTS**

- Product Design.
- Tool Design.
- Mold Design.
- Hot Runner Design.
- Research and Development.
- Mould Flow Analysis
- Mechanical Design and engineering.
- Design of Plastic Molds & presstools,Jigs and Fixture.
- Production and process engineering.
- Tool & Die Making.
- Manufacturing of Molds & press tools, Jigs and Fixture.

## **NATURE OF WORK:**

- Process improvement -Cycle time reduction, Rejection elimination, Down time analysis
- Mold Designing, Making, Trail, Maintenance, Trouble Shooting, Load & Unloading
  - Process improvement -Cycle time reduction, Rejection elimination, Down time analysis
  - Kaizen implementation
  - Mold Maintenance, Service
  - New product development
  - Molding machine operation.
  - New product development
  - All conventional and non conventional Machining.
  - Handling of documents Related to PPAP
  - Prepare & update Work Instructions
  - Worked on designing and manufacturing of High speed stamping tool, Precision mold, Special fixtures & gauges and other prototypes.
  - Mould design and corresponding Product design changes of complex automotive and engineering components using CatiaV5 (Solid and surface modelling, Sketch, Assembly, Drafting).
  - Development of solid model with the help of 2D layout.
  - Efficiently drafting, detailing, section with BOM, GD & T, Machining Symbols, etc.
  - Preparing and checking the feasibility reports of the Mold prior to design.
  - Responsible for tool design and development activities.
  - Reviewing Mold concept and other requirements.
  - Reviewing product under development and providing sufficient feed back.

**Place : Vellore**

**Date : 08/07/2018**

## **Machine Work Experience:**

- Bruderer (High speed Stamping)
- Arburg (Injection Molding Machine)
- Engel (Injection molding Machine)
- Amada (Cnc Grinding Machine)
- Conventional Milling & Lathe
- Vester (Video Check )
- Alpha ( Laser welding Machine)
- Engel Robot (Linear Movement)

## **INDUSTRIAL PROJECTS**

### **Worked one year Kramski Germany on**

#### **VR-Housing- Voltage Regulator Housing**

(Robot integrated – Insert Molding)

**Tool specification:** Twenty five stage progressive tool, punches and dies are made of carbide, tool precision within three micron.(800 strokes per minute)

**Mold specification:** 4-cavity hot-runner (Material used: PPS 65% GF+M)

**Role:** Co-ordinating with Designing and manufacturing the tools, Trial and trouble shooting the process.

**Machine used:** (ARBURG 370 -Molding , BRUDERER 25 -Stamping , Yazakawa -Robot)

**Skills Used :** Mold and tool concept design, Mold assembly, Stamping tool assembly and trial,  
(ARBURG 470, BRUDERER 50)

### **Worked one year Kramski Srilanka on**

#### **Flachstecker -Flat plug Terminal**

(Reel to reel Stamping , Bending & Insert Molding)

**Project Details :** Flachstecker is a connector which used in Fuel injector . Connector has done Gold & Nickel Plating.

**Tool specification :** Ten stage progressive tool & Five stage Bending Tool - punches and dies are made of carbide, tool precision within three micron. (600 strokes per minute) .

**Mold specification :** 8 cavity mold with hot runner system, side core are actuated by hydraulic cylinders.

**Role :** Initial Design concept and manufacturing the tools , Trial and trouble shooting the process.

**Machine Used : Engel 160 ,Bruderer 25 )**

## **HOBBIES**

Photography, Bike Riding, Playing-chess, Cricket, Football, 3×3 cube

## **DECLARATION**

I hereby declare that the above information furnished is true to the best of my knowledge. **(Vinothkumar.J)**

**Looking forward to your favourable reply.**