

## AMIRDHALINGAM M

E-mail : [amirkottes1988@gmail.com](mailto:amirkottes1988@gmail.com)

Contact : +91-9047279592

### Summary:

I am worked as a **CAD Engineer in COLORADO**. I have done Bachelor's Degree in Mechanical Engineering. Proficient in creating 3D models using 3D CAD Modeling Software. In my total year of experience are **8-Years**, in relevant experience is **3-Years**. Hands on experience in Part model, Assembly, Sheet Metal, Drafting. Capable of giving solution to the various problems and also to achieve perfection. A team player who likes challenging work environment that encourages personal development.

### Software Skills:

- Auto Cad/ZW Cad
- Catia-V5R20
- Solid Works-2018
- Creo-7.0
- MS Office and Excel.

### Competence:

- Knowledge of Part modeling, Assembly, Drafting, Sheet metal .
- Build Cad models BOM, DFMA, GD&T and ASME -Y14.5-2009 standard.
- Production support for new model & existing model issues for improvement.
- Generate Mechanical Design documents & creation for BOM generation.
- Prepare models and drawings of simple to moderately complex assemblies and sub-assemblies.
- I have basic knowledge of PLM and PDM.
- To execute projects efficiently and maintaining quality.
- Communicate with the customer on day-to-day activates.

### Work Experience:

**Since Jan'2018 – Dec 2022** with Colorado, Bangalore as a **CAD Engineer**.

### Job Role:

- I have experience in 3d modeling and 2d drafting/detailing of Plastic parts and assemblies using **Catia Work software and Auto –Cad**.
- All products customized design for the new product development using Material ,PMMA, PC, ABS and MDF wood, **prototype model making**, and **sheet metal fabrication**, control panels, Enclosures etc....
- Design the product such as (Trophy, Memento, Signage boards, Enclosure, Aircraft visor and bike visor) this all **thermoforming process and compression molding process**.
- Pattern making for core and cavity using for the MDF wood.
- CNC programmer for the router machine 2d and 3d machining.

### Projects:

- ATT, HMV, PBS Make the prototype model **BEML-Bangalore, (Ministry of Defence &Aerospace)**.
- Black Light box and Camera Holder design (**Valeo-chennai**).

**Feb' (2015 to 2016)** with See Hoo Pvt.Ltd, Singapore as a **Junior Engineer**.

**Job Role:**

- Supervising and coordinating the activities of Operating, installing, maintaining, and repairing HVAC equipment.
- Visually inspect all ducts for the any damages.
- Look at each section of duct and connection for obvious gaps checked.
- Maintain for the quality documents in batch vice.
- **Using Auto CAD software for the sheet metal.**

**Aug' (2010 to 2011)** with Bharat Electronics Limited, Bangalore as a **Technical Apprentice**.

**Job Role:**

- I worked Technical assistant for **FLR** projects.
- Design for the rack base and control unit box.
- Assemble components by examining connection for correct fit.
- Fastening parts and subassemblies, Cable routing assemblies.
- **Using Auto Cad, Solid works software for design.**

**Jun' (2008 to 2010)** with Visteon Automotive System Pvt.Ltd, Chennai as a **Technical Apprentice & Training**.

**Job Role:**

- I worked at **AC Hose** manufacturing Department.
- Tube cut off, Bending, Brazing, Crimping, Leek testing, Final Assembly.
- Responsible for producing components by assembling parts and subassemblies.
- Dock audit inspection control.

**Education Qualification:**

- Bachelor of Engineering -in **Mechanical Engineering** VI Institute of Technology - 2014, **CGPA-7.01**
- Diploma -in **Mechanical Engineering**- Priyadharshini Polytechnic College- 2008, **67.83%**
- **SSLC**-Government Higher Secondary School,Vaniyambadi- 2005, **54.2%**

**Personal Details:**

Languages Known : English, Kannada, and Tamil.  
Residential Address : Sunkadakatte-560032, Bangalore, Karnataka

**Declaration:**

I solemnly declared that all the information furnished above is true to the best of my knowledge.

**PLACE:**

**DATE :**

**Yours Faithfully**

AMIRDHALINGAM M