

RANJITH KUMAR B

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Objective:

A motivated young professional seeking opportunity in the CAE field, having passion to adapt the knowledge and practical experience in CAE with strong communicative skills, with a passion for engineering design evaluation and the provision of quality project deliverables.

Education:

Degree	Passing Year	University/College	Percentage
B.E. Automobile	2021	Arasu Engineering College	74%
Diploma in Automobile	2018	Kamarajar Polytechnic College	73%
SSLC	2015	SMH matriculation school	70%

Software Skills: HyperMesh(AUG 2021 MARCH 2022)

- Shell Meshing (Plastic & Sheet metal parts)
- Solid Meshing (Hexa & Tetra mesh)
- CFD Meshing

Projects:

- **Mesh of the side door panel of the car using HyperMesh**
 - Performed geometry cleanup, repairing the surface, and recreating damaged surface.
 - Extracted the mid surface manually through Offset option for base and ribs individually and assigned thickness, respectively.
 - Deployed mesh on the component with given quality parameters and checked them with failing element criteria and fixed with quality index cleanup tools. Executed the mesh flow smoothly and ensured the component meet all quality parameters.

Institute name:

meshshoft infotesh
(aug 2021 to march 2022)

Academic Projects:

- **In Engineering**

Recycle of fish scale powder as a filament in 3D printing.

- **In Polytechnics**

Design of solar based industrial trolley.

Workshops & Awards:

- SPARK18, Madras institute of technology Anna university, Chennai.
- Technical workshop in Arasu Bajaj motors, Tanjore.
- Seminar on pollution controls in Sri Krishna Engineering college, Salem.

Personal Details:

Father's name	:	BalasubramaniyanBalasubramaniyan
Date of birth	:	16-08-1999
Marital		
Status	:	Single
Mother Tongue	:	Tamil
Languages Known	:	English &
TamilNationality	:	Indian