



# AJMAL ML B.E.,

## AUTOMOTIVE DESIGN ENGINEER

### SUMMARY

Experienced automotive design engineer with 1+ years of proven expertise in conceptualizing and developing innovative vehicle components and systems. Proficient in CAD software, design analysis and project management. Looking to leverage my skills to contribute to the advancement of cutting-edge automotive technologies.

### EXPERIENCE

#### Junior Design Engineer

**JUN 2022 - PRESENT**

NANO TECHNOVATION INDIA PRIVATE LIMITED, Coimbatore.

#### ROLES AND RESPONSIBILITIES:

##### PROJECT 1: DOOR ARM REST

- Understanding the given customer guidelines and limitations in the project.
- Initially checking error in A-Surface with main tooling direction by using drafting analysis is done.
- Created B-Surface with respect to A-Surface and given master section.
- Developed parting surface and converted closed surface into solid body.
- Created Engineering features with respect to given master section.
- Generate a parting line and slider Direction for closed body and engineering features.

##### PROJECT 2: ELECTRICAL SWITCH HOLDER

- Design and modify the plastic bracket of the component with respect to styling and environment data.
- Create proposal for customer requirement and provide solution for fixation strategy.
- Performed draft analysis to check manufacturing feasibility of the given proposal.
- Reverse engineering in part model & surface design from non-parametric to parametric component. Developed parting surface and converted closed surface into solid body.

#### Quality Engineer Apprentice

**MAY 2021 – JUN 2022**

L.G. BALAKRISHNAN & BROS LIMITED, Coimbatore.

### EDUCATION

- **Bachelor of Engineering (B.E., Mechanical)** **7.64** **AUG 2017 – MAY 2021**  
DR. N.G.P Institute of Technology, Coimbatore. **CGPA**

### ACHIEVEMENTS

- Achieved II place for the 'Best communicative person-English' during matriculation studies.
- Won several prizes in 'SKETCH & DRAWING' competitions.

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Upper Gudalur, Gudalur,  
The Nilgiris-643211.

Passport No : V4358968

### PERSONAL INFO

D.O.B : 06 JUL 2000

Marital Status : Single

Gender : Male

Father name : Latheef MM

### SKILL HIGHLIGHTS

- CATIA V5
  - PART DESIGN
  - SURFACE DESIGN
  - ASSEMBLY
  - DRAFTING
- GD&T
- CREO PARAMETRIC
- AutoCAD
- TQM

### LANGUAGES

- Tamil : Native speaker
- English : Advanced level
- Malayalam : Native speaker
- Hindi : Intermediate
- Arabic : Intermediate

### HOBBIES

- Drawing
- Traveling
- Playing Cricket
- Playing Chess