

SHARANYA S NAYAK

D E S I G N E N G I N E E R



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Bangalore, KA

EDUCATION

BACHELOR OF ENGINEERING (MECH)

Maharaja institute of technology, Mysore

2016 - 2020 [7.27 CGPA]

INTERMEDIATE

Mahesh PU College, Mysore

2014 - 2016 [79.66 %]

SSLC

St.Josephs High School, Mysore

2013 - 2014 [89.44 %]

TRAINING

Certified in Advanced 3D Computer Aided Design from CADMAXX Bangalore.

ACTIVITIES

- National workshop on Gasoline Electric Formula Race car design and development.
- Runner-up in AQUEST HVAC National level quiz prelims (2019-20).
- Member of Indian Society of Heating, Refrigeration and Air Conditioning Engineers (ISHRAE).
- Volunteered for Quality Circle Forum of India (QCFI) Mysore chapter.

SKILLS

- CATIA
- DRAFT SIGHT
- MS OFFICE
- Analytical and critical thinking
- Lean Manufacturing
- 3D CAD Modelling
- Troubleshooting & Solution driven
- Diligent

PROFILE

To make the best use of the skills possessed by me with utmost commitment and sincerity to continually learn and to broaden my skills and eventually work towards the progress of the company.

EXPERIENCE

PROJECT ASSOCIATE - I

National Aerospace laboratories (NAL) Bangalore

Feb 2022 - Oct 2022

CSIR-NAL is a high technology oriented institution focusing on advanced disciplines in Aerospace and the only Aerospace R&D laboratory in the country's civilian sector.

PROJECT - ADVANCED MEDIUM COMBAT AIRCRAFT (AMCA)

In this position I am involved in tool design for composite components of AMCA air intake duct under Advanced composites division (ACD).

KEY CONTRIBUTIONS IN PROJECT

- Design and drafting of composite Lay up tools, Master models, Jigs and Fixtures for composite sub assemblies, Caul plates and curing tools.
- Assisted in forward duct I/B skin assembly mould layout, Autoclave curing followed by Laser tracker inspection.
- Validation of composite spring back allowance used in design of air intake duct parts.
- Modelling and detailing of composite components by using different workbenches of CATIA software.
- Continuous Process Improvement for manufacturing airduct parts.

GRADUATE APPRENTICE TRAINEE (GAT)

Reckitt Benckiser Ltd Mysore

Sep 2021 - Jan 2022

ROLES AND RESPONSIBILITIES

- Scheduling and presenting daily Review meeting.
- Analysis on daily energy and water consumption.
- Preparation of Why why analysis.
- Daily inspection of Fire alarm panels as to ensure safety.
- Sending Purchase request (PR) through SAP.
- Preparation of Emergency indent for both OPEX & CAPEX supply.
- Preparation of Calibration, PM and Training matrix Schedules.
- Issuance of Logbooks & checklists according to SOP.