

Arvind Patil

Professional Goals

Looking for a challenging job in a dynamic organization which will provide me the best learning opportunities to further my career in the fields of Machine Design, preferably Design Analysis.

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Technical Skills

- CATIA V5
- Solid Works
- ANSYS
- ADAMS
- MATLAB
- Turbo C
- Knowledge on GD&T

Soft Skills

- Team Player
- Leadership qualities
- Good listener & organizer
- Quick Learner
- Multitasker

- ❖ Presently interning at L&T Technology Services, Bengaluru, in Mechanical design Services Department which majorly looks into Structural and Hydraulic system design

Summary/Academic History

- **Masters of Technology**

MS Ramaiah University of Applied Sciences | 2020-2022

Advanced Machinery Design

CGPA – 9.1

- **Work Profile**

Assistant Project In-Charge

MERLIN HYDRAULICS PVT. LTD. | August 2018 - August 2020

- **Bachelors in Engineering**

KLS Gogte Institute of Technology | 2014-2018

Mechanical Engineering- 74%

- **Pre-University**

Raja Lakhamgouda Science P.U. College | 2012-2014

Science- 88%

MTech Profile

- MTech Individual Thesis

(In collaboration with Indian Army Base Bengaluru)

Development of Welding Automation System for Manufacturing of Fender Plate

-Design and Development of Mechanical Structure of Fender Plate Welding Automation System

- MTech Project

Fabrication of Walk Behind Type Mulberry Stem Harvesting Machine

-Design and Development of Chassis Frame for the machine

- Completed Internship at ETA Tech. Pvt. Ltd, into R&D Department (for a month in Jan 2022)

Design analysis of hydraulic test rig

Work Experience

- **Assistant Engineer Project In-Charge**

MERLIN HYDRAULICS PVT. LTD. | August 2018 - August 2020

Complete Project handling (Listing of raw materials to packing of product)

- Assignment and tracking of work

- Interact and stay up to date with all departments such as design, quality and finance

Learnings:

- Supporting Design Team in Designing and Drafting
- On floor Production and their techniques
- Vendor management and relationships
- Time management and Cost implications
- Leadership skills and Effective communication

Hobbies

- ◆ Drawing
- ◆ Music
- ◆ Indoor and outdoor Games

Personal Details

Fathers Name: Raghavendra Patil

Mother's Name: Revati R Patil

D.O.B.: 08 July 1996

Nationality: Indian

Languages: English, Kannada,
Hindi, Marathi

Address: H/N 1606/B, "SRI
JAGANNATH" Ansurkar Galli,
Belagavi 590001

Projects/Internships

- Completed an Internship at ETA The. Pvt. Ltd. Into R&D department
 - Design and Analysis of a Hydraulic Test Rig suitable for 50 Ton load capacity.
 - Force control test and Position control test actuator
- BE Project
Productivity Improvement in Fettling area of Foundry
Foundry- Amit Ferro Cast (Manufacturers of C.I. Graded Casting, S.G.Iron castings and machined components)
Reducing the overall production time by providing detailed layout and schedule calculations
- Completed an internship at 'AKP FOUNDRIES (P) LTD'
- Completed the RC Aircraft Design and Fabrication workshop organized at KLE Dr. M. S. S. CET, Belagavi

Achievements

- Best innovative project 1st Prize at MARUAS Bengaluru
- Cleared Gate (Graduate Aptitude test in Engineering) in 2021 with 354 Gate score
- Had been an active member of "SUPERSONIC RACERS GIT", a known GOKART Team
- Secured first place in "Design Competition", on the topic "RAIN WATER HARVESTING" held at Jain College of Engineering, Belagavi
- Presented a technical paper titled "PIEZOELECTRICITY" and "AIR POWERED CARS" at paper presentation competition at national level technical fest AVALANCHE held at Gogte institute of technology, Belagavi in the year 2015
- Participated in zonal level in handball at SDM Dharwad (2017)
- Participated in QUIZ competition at national level techno-management- cultural

Declaration

I do hereby declare that the information furnished above is true to the best of my knowledge

Arvind Patil