

# HARSHINI T

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DOB: **5<sup>th</sup> June 2000**

## CAREER OBJECTIVE

I am an engineering graduate of Industrial and Production Engineering, looking for an Entry-level job in the field of software, in a company reputable organization to expand my learning, knowledge and skills.

## ACADEMIC DETAILS

DEGREE	BOARD	INSTITUTION	PERCENTAGE
B. E Industrial and Production	Autonomous under V.T.U (2018-2022)	Malnad College of Engineering Hassan, Karnataka.	67.50%  (CGPA=7.50)
Class XII (Science)	Department Of PreUniversity- Karnataka (2018)	Jagadguru Kodimutt PU College, Hassan DT, Arsikere	77.66%
Class X	KSEEB (2016)	ST Mary's High School, Arsikere	86.24%

## PROJECT:

### Final year project on Design and Fabrication of Hydraulic Press

Hydraulic press are the most commonly used machine due to its bulk size it consume lot of time to change tools and energy during return stroke causing lots of energy loss. In our project we developed manually operated hydraulic press which reduced the time consumption while changing press tools and performing return stroke using the stored energy in the form of pressure energy during the power stroke.

The detailed designing and analysis of the machine was done using Solid works software and FEM. In fabricating the machine, mild steel was used as the locally sourced material. Some components of the machine developed include: C channel Vertical Columns of length

666mm, I channel Horizontal Columns of length 593mm, Base part, Moveable ram, Tool and Die Holders, Press Tools and Press Dies. Some of the broughtout parts include: Hydraulic Jack, Accumulator, cylinders, Pipes and Threaded Connecters.

We are four members team who were worked on this project, I worked on structure designing, calculation and fabrication part of this project.

## **CERTIFICATE**

- Online Internship and certified on **CNC Operation and Programming** offered by **VTU National Academy for Skill Development, Dandeli**.
- NPTEL Online certification in **Advances in Welding and Joining Technologies** Sep-Nov 2020.
- NPTEL Online certification in **Engineering Drawing and Computer Graphics** Jul-Oct 2021.
- Ongoing Python Full Stack Developer course in Pyspiders.

## **TECHNICAL SKILLS**

- Basics of Python - I am good in Operators, Control Statement and some concepts in Collections.
- SQL(Oracle) – I am good in DDL, DML, DCL, TCL statements and some concepts in DQL.
- HTML, CSS
- Basic of Solidworks

## **OTHER SKILLS**

- Good interpersonal skills, Presentation, organizing skills, event planning with good time management.
- Creative, Innovative, Content writing with eagerness to learn new things.
- Ready to work both independently and as a team player.

## **DECLARATION**

I, HARSHINI T hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above mentioned particulars.

Place: Bangalore

Date: 22-Jun-2023