

Manoj V



Bachelor Of Engineering - Mechatronics Engineering

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CAREER OBJECTIVE

Seeking for a dynamic position in a reputed company to develop my skills by utilizing the valuable opportunities of involving in various projects. Believing to make a positive impact wherever I go .

EDUCATION

BACHELOR OF ENGINEERING

Mechatronics Engineering
Kongu Engineering College,
Erode, TN, IND
Cum.GPA : **7.88***

HIGHER SECONDARY

Carmel Matriculation Hr Sec School,
Erode, TN, IND
Percentage : **84%**

SSLC

Carmel Matriculation Hr Sec School,
Erode, TN, IND
Percentage : **80%**

PROFILE LINKS

GITHUB:// [ManojDevPro](#)

LINKEDIN:// [Manoj V](#)

LEETCODE:// [ManojV7](#)

SKILLS

PROGRAMMING

- C
- HTML
- CSS
- JAVA
- JAVA SCRIPT
- GIT

MECHANICAL TOOLS

- SOLIDWORKS
- AUTOCAD

COURSEWORK

- NPTEL(2023) Cloud Computing
- NPTEL(2023) Air Pollution

EXPERIENCE

WSA-Academy | INTERN

JUL 2024 - CURRENT

Engaged in real-time application development, gaining practical experience. Acquired valuable insights in **MERN Stack** while contributing to various aspects of software development.

PROJECTS

PERSONAL PORTFOLIO | Frontend Developer

DEC 2023

Personal portfolio created by using **HTML**, **CSS**, and **JavaScript** to showcase my projects, skills, and experience with a responsive design for optimal viewing on all devices. Integrated interactive elements to enhance user engagement.

BARK-PET ADOPTION | Frontend Developer

APR 2024

Bark is a pet adoption website where users can browse available pets, view detailed information, and contact shelters. Built by using **HTML**, **CSS**, and **JavaScript**. It features a responsive design for seamless use across all devices.

YARN BOBBIN WINDING SYSTEM

MAR 2023

Developed a bobbin winding system ensuring efficient and precise yarn winding. Utilized tensioning and guiding devices for even yarn distribution, with an **IR sensor** maintaining consistent tension. Implemented a **DC motor** for controlled bobbin rotation.

SEMI AUTOMATIC METAL STAMPING MACHINE

MAR 2024

The system employs **pneumatic cylinder** and **push buttons** , feeds materials into position and presses a button to position it under the stamping die , ensuring precision and efficiency in production.

AREA OF INTERESTS

- Web Development
- Sensors

HOBBIES

- Playing Cricket
- Listening Songs

PUBLICATIONS

Design And Implementation Of a Pneumatic Stamping Machine

JUNE 2024

Published in **ICCNT** Conference in IIT-Mandi.

Integrated **sensors** and electronic switches to control **pneumatic** pressure for precise material punching and marking.

RESPONSIBILITIES

- Robotic's Club Technical Committee member