

# MANOJKUMAR M

Web Developer

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## SUMMARY

Passionate about software development, I possess a solid grasp of software development principles and proficiency in various programming languages. I'm dedicated to translating my knowledge into practical solutions, fueled by my innate problem-solving abilities and unwavering commitment to staying current with the latest technologies. I'm eager to launch a fulfilling career in software development, where I can actively contribute to innovative projects and create a lasting impact.

## AREA OF INTEREST

- Web development
- Automation

## EDUCATION

- BE. Mechatronics in Thiagarajar College of Engineering - 8.78 CGPA (2019 - 2023).
- HSC in N.S.M.V.P.S Higher Secondary School - 71% (2019).
- SSLC in N.S.M.V.P.S Higher Secondary School - 94% (2017).

## SKILLS

- Languages : Core java, C, C++.
- Frontend : HTML, CSS, JavaScript.
- Backend : Node JS (Basic).
- Database : MySQL, MongoDB.
- Framework : React JS, Express JS (Basic).

## STRENGTH

- Adaptability
- Self Learner
- Team worker

## CERTIFICATIONS

- Full-Stack Web Development course  
Udemy
- Frontend Web development course  
Coursera

## PROJECTS COMPLETED

### PERSONAL PORTFOLIO WEB PAGE:

- Designed and developed a personal portfolio website, demonstrating expertise in front-end technologies and responsive design, which are essential skills for the web developer position.
- Implemented smooth animations and transitions to enhance user experience.

### INTEGRATED TO-DO AND NOTEPAD WEB PAGE:

- Developed a React.js-based web page that integrates the functionalities of a to-do list and a notepad that allows users to efficiently manage their tasks and take notes.
- reused React components for the Todo List and Notepad.
- Utilized React Hooks for managing component-level state and side effects.

### SMART PARCEL LOCKER SYSTEM:

- Designed and developed the smart parcel locker system which is secure, convenient for parcel delivery and collection.
- Developed Arduino code to control the SIM800 module for SMS communication, handled keypad for user input and control the solenoid for locking/unlocking.
- Simulated the circuit in Proteus for testing and error correction, then used EASYEDA for PCB design.

### GESTURE CONTROL ROBOT:

- Developed the gesture control robot using MPU6050 and Arduino UNO, Arduino NANO as a controller.
- Established reliable two-way Bluetooth communication between the Arduino Uno and Arduino Nano.