

# MANOJKUMAR M

Web Developer

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MANOJKUMARM

## 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.

## PROJECTS COMPLETED

### 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.
- Managed React.js development to create a modern, interactive user interface. Used React Hooks for smooth state management.
- Developed and implemented the server-side logic using Node.js to handle communication between the Arduino and the web interface.
- Used MySQL for secure storage of recipient and delivery person data.
- Integrated Twilio API to enhance security, sending unique codes to recipient mobile numbers for secure authentication.

### 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.

### 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.

## 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% (2017 - 2019)

## SKILLS

- |              |                           |             |
|--------------|---------------------------|-------------|
| • HTML       | • REACT JS                | • MONGODB   |
| • CSS        | • NODE JS WITH EXPRESS JS | • CORE JAVA |
| • JAVASCRIPT | • MYSQL                   | • C         |

## CERTIFICATION

- Full-Stack Web Development course - Udemy
- Frontend Web development course -Coursera
- Developing Back-End Apps with Node.js and Express - Coursera