

# Madhan v

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## PROJECTS

### FOOD DONATION WEB APP | LINK

- Developed a MERN stack web app to reduce food waste by connecting donors with recipients. Integrated JWT authentication, image uploads, and automated expiry handling via MongoDB TTL indexes. Learned secure user session management, file handling, and time-based data cleanup in real-world apps.

### PRODUCT POST CRUD WEB APPLICATION | LINK

- Built a MERN stack product posting app with JWT-based authentication and protected routes. Enabled users to perform full CRUD operations with image uploads in a personalized dashboard. Gained hands-on experience in implementing authentication, user-specific access, and CRUD functionality.

### WEATHER WEB APPLICATION | LINK

- Developed a weather app using React and OpenWeather API to display real-time weather data. Implemented location-based search and dynamic UI updates with API integration. Improved skills in API handling, asynchronous data fetching, and React state management.

### CURRENCY CONVERTER APPLICATION | LINK

- Built a currency converter application using React and the ExchangeRate API to perform real-time currency conversions. Implemented dynamic form handling and API integration for accurate amount conversion between selected currencies. Gained experience in React state management with useState, functional components, and asynchronous data handling.

### STUDENT MANAGEMENT SYSTEM | LINK

- Built a Java-based Student Management System to handle student data operations like adding and viewing records. Used object-oriented principles (inheritance, polymorphism) and file handling for data persistence with ArrayList and file streams. Learned practical application of OOP concepts and how to manage persistent data using Java I/O.

## EXPERIENCE

### INTERNSHIP AT HITOSOFT | FULL-STACK DEVELOPMENT

Jun 04 - 19 | Madurai

- Completed a Full-Stack Developer Internship at Hitasoft, focusing on building interactive web applications using the MERN stack (MongoDB, Express, React, Node.js). Strengthened skills in frontend/backend integration, Enhanced communication, time management, and problem-solving abilities through consistent collaboration.

## EDUCATION

### EINSTEIN COLLEGE OF ENGINEERING

B.E IN COMPUTER SCIENCE AND ENGINEERING

### A.G MATRICULATION HIGHER SECONDARY SCHOOL

STANDARD 1ST-10TH

### GOVERNMENT HIGHER SECONDARY SCHOOL

STANDARD 11TH AND 12TH

## SKILLS

### PROGRAMMING

Languages

- Advance: Core Java
- Intermediate: Python, JavaScript
- Novice: C/C++

Tools

- Git/Github • VS Code • Postman
- Chrome DevTools
- IntelliJ IDEA

Framwork And Library

- React Js • Express Js • Mongoose

Technologies

- HTML • CSS
- MONGODB • MYSQL

## CERTIFICATES

- **Python** – View Certificate
- **HTML** – View Certificate
- **CSS** – View Certificate
- **JavaScript** – View Certificate

## LINKS

Github:// [github.com/Madhan](https://github.com/Madhan)

LinkedIn:// [linkedin/madhan](https://linkedin/madhan)

Leetcode:// [Leetcode/Madhan](https://Leetcode/Madhan)

Geeksforgeeks:// [gfg/Madhan](https://gfg/Madhan)