

# THARUN A

## STUDENT

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<https://github.com/tharunshivamogga>

### SUMMARY

I am a Computer Science Engineering student with a strong sense of responsibility, organization, and a passion for learning. Eager to gain my first professional experience, I aim to apply my technical knowledge and problem-solving skills in real-world software development. Committed to contributing to a dynamic, growth-oriented team and continuously improving through hands-on challenges.

### TECHNICAL SKILLS

**Programming Language :** Python ,java ,C

**DataBase :** MySQL, MongoDB

**Design Tools :** Figma

**Front-End :** HTML,CSS,JavaScript

### PROJECTS

#### FRUIT SPOILAGE DETECTION SYSTEM USING ARDUINO

This Arduino based system detects early spoilage of fruits and alerts accordingly.

#### PHARMACY INVENTORY LEVEL MANAGEMENT SYSTEM

Developed a Pharmacy Management and Inventory System to manage medicine stock, sales, and orders efficiently. Integrated real-time inventory tracking and user-friendly interfaces using React and MySQL.

#### HSRP NUMBER PLATE DETECTION SYSTEM

Designed a system to detect High-Security Registration Plates (HSRP) using image processing techniques. Implemented vehicle number extraction using OpenCV and OCR for automated identification.

### EDUCATION

#### D S DINAKAR POLYTECHNIC , SHIVAMOGGA

Diploma in Computer Science Engineering.

2020-2023

#### JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA

B.E in Computer Science Engineering

2023-2026(Ongoing)

### LANGUAGES

- **English** (Fluent)
- **Kannada** (Fluent)
- **Hindi** (Intermediate)
- **Tamil** (Fluent)