

# YOGESHWARI LAKSHMANAN

FRONT-END DEVELOPER | REACT.JS | JAVASCRIPT | HTML5 | CSS3 | RESPONSIVE WEB DESIGN | UI/UX

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**Multifaceted CS student** open minded to **data science, AI, and Web Development**. Proven dedication to delivering intuitive solutions and continuously learning. Seeking opportunities to contribute to solve problems in a dynamic environment.

## SKILLS

### Programming Languages

- Java
- Python
- C

### Full Stack Development

- React.js - Beginner
- SQL
- HTML
- CSS
- Javascript
- UI/UX
- Git/GitHub

### Soft skills:

- Problem-Solving
- Team Collaboration
- Adaptability
- Attention to Detail
- Time Management

### Tools:

- Figma
- Git,Github
- VS Code

## ACHIEVEMENTS

- **Rank Holder** in Diploma (99.19%),  
Thiagarajar Polytechnic College
- **3rd Prize** in **Web Development** at  
Soft Sem Quiz, GCT College

## EDUCATION

### B.E. Computer Science Engineering

Government College Of technology  
2022 – 2025 | Coimbatore,India

### DCSE, Thiagarajar Polytechnic College

2020 – 2022 | Salem,India

## CERTIFICATIONS

- **SOFTWARE TESTING**  
NPTEL - IIIT Bangalore
- **HTML, CSS, Javascript**  
Infosys Springboard
- **The Complete Full-Stack Web Development Bootcamp**  
Udemy | Instructor: Dr. Angela Yu

## WORK EXPERIENCE

### UI Design Intern – Grafix.ui

Mar 2024 – Apr 2024

- Designed intuitive and user-friendly UI for **Kabadi App** using **Figma**, focusing on **user research, wireframing, and interactive prototyping**.
- Collaborated with design mentors and peers to refine visual aesthetics and **enhance user experience**.
- [View Prototype](#)

### GUI Developer Intern – KC.IRI, Coimbatore

Dec 2023-Jan 2024

TECH STACK: QT, FIGMA, SQL

- Built a GUI for Servo Controller Mechanism using **Qt**, improving automation and user control.
- Designed UI prototypes in **Figma** focused on usability and responsiveness.
- Handled **data storage and retrieval** tasks to support backend operations.
- Performed testing and debugging to ensure system reliability.

## PROJECTS

### Task Manager App (Flutter, Hive, State Management)

TECH STACK: Flutter, Dart, Hive, Android SDK, Git

- Built a cross-platform mobile app using **Flutter and Dart** with **CRUD operations** and responsive UI.
- Integrated **Hive NoSQL database** for offline storage and state persistence.
- Implemented **state management, ListView.builder, Slidable gestures, and RichText** for search and highlight.
- Applied **clean architecture, reusable widgets, and AlertDialog** for in-app editing.
- Followed MV separation: UI (Widgets), data (Hive), and logic (ToDoDataBase abstraction).

### Sign Language Recognition

TECH STACK: Python, OpenCV, Mediapipe (for gesture recognition), Text-to-Speech API (for voice output), and Machine Learning techniques for classification.

- Developed a real-time gesture recognition system using **OpenCV** and **Mediapipe**, enabling **accurate detection** and interpretation of hand gestures.
- Curated and **labeled gesture datasets** to enhance **classification accuracy** and improve system performance.
- Integrated **text-to-speech functionality** for seamless communication, translating recognized gestures into **natural spoken language**.

### Memory-Game

TECH STACK: ReactJS, JavaScript (ES6), HTML5, CSS3, Responsive Design

- Developed an interactive memory matching game using **ReactJS**, leveraging **Hooks (useState, useEffect)** and component-based architecture (Card, GameBoard, App).
- Implemented state management, conditional rendering, and responsive design to ensure smooth gameplay across devices.