

# Ambika N R

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 <https://github.com/Ambika856>

## SUMMARY

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Motivated and detail-oriented Computer Science student, specializing in Front-End Development. Skilled in building responsive, user-friendly interfaces using modern web technologies, with a solid foundation in HTML, CSS, JavaScript, and React. Proficient in Python, Java, and well-versed in Data Structures and Algorithms, enabling efficient and optimized solutions.

## EDUCATION

### B.E – CSE(Information Science and Engineering)

December 2022 – June 2026

Kalpataru Institute of Technology, Tiptur CGPA:

8.48/ 10.0 (Till 6<sup>th</sup> Sem)

## ACHIEVEMENTS / AWARDS

### • ISE-Xecute Hackathon – Participated

2025

Developed an **AI-based Online Exam Proctoring System** integrating face detection, eye tracking, and cheating prevention mechanisms using computer vision and deep learning.

## PROJECTS

### Sign Language Recognition System using AI

2024

Python, Artificial Intelligence, Computer Vision

- Developed an AI-powered system to recognize and translate sign language gestures into text or speech for improved communication between signers and non-signers.
- Implemented computer vision and deep learning models to detect and interpret hand gestures accurately, promoting inclusivity and accessibility.

### Online Exam Proctoring System

2025

Python, Flask, OpenCV, HTML, CSS, JavaScript

- Built an AI-based system for real-time remote exam monitoring, detecting suspicious activities through facial recognition and anomaly detection.
- Integrated gaze tracking, multiple-face detection, and alert mechanisms to ensure fairness and uphold academic integrity.

### Online Bakery and Custom Cake design Website

2025

HTML ,CSS and Javascript

- Created a website using HTML,CSS and JS to enable customers to browse items, customize cakes, view real-time pricing and choose between pickup or delivery
- The project enhanced my web development skills while addressing challenges like limited customization, mis-communication and pricing in traditional bakeries.

## TECHNICAL SKILLS

**Programming Languages:** Python, Java.

**Data Structures & Algorithms:** DSA problem-solving,

**Web Development:** HTML,CSS ,JS and React

**Tools & Platforms:** My SQL, VS Code, Tableau, Power BI.

## CERTIFICATIONS

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- **NPTEL Online Courses – Communication, Cloud Computing**

2024

- Employment Communication: A Lab-Based Course
- Cloud Computing

## PERSONAL ATTRIBUTES

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- Time Management
- Good Communication skill, Strong Team Player
- Quick learner with positive attitude
- Eager to Learn

## HOBBIES

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- Crafting
- Painting
- Dancing
- Listening to Music
- Expert in Mandala art