

Adithya

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<https://github.com/Adithya14255>

Education

Bachelor of Engineering (B.E.) in Computer Science and Engineering

KGiSL Institute of Technology, Coimbatore

Expected Year of Passing: 2025

CGPA: 8.5 (as of current semester)

Skills

- Full Stack Web Development
- HTML, CSS, JavaScript, React, Node.js
- Python, FastAPI
- Git & GitHub
- MongoDB, MySQL
- Docker, REST APIs

Projects

Smart Mart – Grocery Item Detection System

Tech Used: YOLO, Python, OpenCV, FastAPI, JavaScript

Developed a smart billing system that detects grocery items in real-time using a camera and generates automated bills for customers and hypermarkets.

Ergonomic Assistant

Tech Used: MediaPipe, OpenCV, FastAPI, React Native

Created a posture detection tool to track user productivity, suggest corrections, and remind breaks with both web and mobile camera integration.

Tone Prediction Web App

Tech Used: NLP, Scikit-learn, FastAPI, HTML/CSS/JS

Built a web app that analyzes and predicts the tone of user-inputted text using a trained NLP model and FastAPI backend.

Internship / Experience

Full Stack Developer Intern – CodeVerse Technologies

Duration: May 2024 – July 2024

Worked on frontend and backend of scalable web applications. Gained hands-on experience in API development, component-based UI design, and deployment.

Certifications / Achievements

- Coursera Certified – Full Stack Web Development
- Google Cloud Fundamentals: Core Infrastructure
- Runner-up in KGiSL Hackathon 2024 – Smart Mart Project