

DIYA VINOD



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EDUCATION

KIT - Kalaigarkarunanidhi Institute of Technology

B.E. - CSE (Artificial Intelligence and Machine Learning) - 3rd year

2024 - 2028

Current CGPA - 9.06/10

EXPERIENCE

DecodeLabs - Generative AI Intern (Remote) | May 20, 2026 - Jun 20, 2026

Worked on prompt engineering, image generation, and RAG-based document analysis using LLMs.

QSkill - AI/ML Intern (Remote) | Jun 01, 2026 - Jul 01, 2026

Built ML models for classification and regression (Iris, spam detection, house price prediction) using Python.

PROJECTS

VaidyaAI - <https://vaidyaai-frontend.onrender.com/>

- Built a voice-first AI healthcare assistant for symptom analysis and medical triage
- Supports 12+ languages with speech-based input and AI-driven severity detection
- Generates hospital suggestions and doctor-ready medical summaries
- Tech: React, FastAPI, Python, NLP, Speech APIs

ReLaunchAI - <https://relaunchai.streamlit.app/>

- AI system for women restarting careers after breaks
- Provides skill-gap analysis, resume generation, interview coaching, and 30-day roadmap
- Uses LLM-based personalization for career guidance
- Tech: Python, FastAPI, Streamlit, NLP

AgroBuddy - AI Farming Assistant (Telegram Bot) - [GitHub Repository](#)

- AI-powered agricultural assistant for crop diagnosis and farming guidance
- Supports image, voice, and text-based interaction in multiple Indian languages
- Uses LLMs + vision models + memory-based conversation system
- Tech: Python, FastAPI, OpenRouter LLMs, Supabase, OpenCV, Telegram Bot API

NutriTrack - Online Meal Planner and Nutrition Tracker (MERN) - [GitHub Repository](#)

- Full-stack meal planner with food logging and personalized recommendations
- REST APIs with MongoDB-based analytics system
- Tech: React, Node.js, Express, MongoDB

RentWise - ML-Based Rent Prediction System - [GitHub Repository](#)

- Built regression model (XGBoost) for house rent prediction
- Deployed ML model with FastAPI backend and interactive frontend
- Tech: React, FastAPI, Python, XGBoost

Chrome Extension Suite (Productivity + Learning Tools)

- Built multiple Chrome extensions using Manifest V3
- Includes FocusGuard (anti-distraction), LeetCode Victory Engine (motivation system), QuickNotes (per-site notes)

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, JavaScript
- **Frontend Development:** React, Vite, TailwindCSS, HTML5, CSS3
- **Backend Development:** Node.js, Express.js, FastAPI
- **Databases:** MongoDB, MySQL
- **AI / ML:** NLP, LLM APIs, RAG, XGBoost, Scikit-learn, LangChain
- **APIs & Tools:** REST APIs, Web Speech API, Chrome Extensions API
- **Tools & Platforms:** Git, GitHub, Postman, Vercel, Render, Supabase
- **Core Concepts:** Data Structures and Algorithms, Object Oriented Programming, Operating Systems

CERTIFICATIONS

- [Get Started with Python - Google \(Coursera\)](#)
- [Python Essentials 1 & 2 - Cisco NetAcad](#)
- [Fundamentals of Deep Learning - Nvidia](#)
- [Deep Learning & Reinforcement Learning - IBM](#)
- [Problem Solving Through Programming in C - NPTEL](#)
- [Basics of Data Structures and Algorithms - Simplilearn](#)
- [5-Day AI Agents Intensive Course with Google - Kaggle \(Google\)](#)
- [AWS Cloud Quest: Cloud Practitioner](#)
- [Algorithmic Graph Theory and Data Structures - NPTEL](#)
- [Data Base Management System - NPTEL](#)

COMPETITIVE PROGRAMMING & ACHIEVEMENTS

- Solved [1400+](#) DSA problems across CodeChef, LeetCode, and Codolio
- [CodeChef](#): 2★ Coder (Division 3) with a peak rating of 1555
- [LeetCode](#): Rating 1765, with consistent participation in weekly contests

ACHIEVEMENTS

- **Student Ambassador** at **AdyaAI**, KIT - contributed to the outreach and engagement for AI initiatives.
- **Finalist** at **East India Blockchain Summit 2.0, IIT Kharagpur** - recognized for project innovation and shortlisted among top teams.
- Department Rank **2nd place** (First Year, CGPA 9.17) - secured **top academic performance** in the CSE (AI & ML) department.
- Participated in **TNWISE 2026 Hackathon** and **TN-IMPACT 2026 Hackathon**, developing innovative technology solutions.