

DIYA VINOD

COMPUTER SCIENCE UNDERGRADUATE | SOFTWARE DEVELOPMENT &
PROBLEM SOLVING | AI & WEB ENTHUSIAST

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EDUCATION

KIT - Kalaignarkarunanidhi Institute of Technology 2024 - 2028
B.E. - CSE (Artificial Intelligence and Machine Learning) - 2nd year Current CGPA - 9.1/10

CourseWork - Artificial Intelligence, Machine Learning, Supervised & Unsupervised Learning, Data Analysis & Modeling, Python for AI/ML, Probability & Statistics for ML, Linear Algebra, Database Systems, Software Engineering

PROJECTS

AI Resume Pro – Resume Analysis & Optimization Tool

- Built an AI-based resume analysis tool using NLP for keyword matching and feedback
- Improved resume relevance by identifying skill gaps and formatting issues

Parkinson's Disease Prediction System

- Developed a machine learning model to predict Parkinson's disease using biomedical data
- Performed data preprocessing, feature selection, and model evaluation in Python

Shopping Website (Frontend)

- Developed a responsive e-commerce frontend using HTML, CSS, and JavaScript
- Implemented reusable components and user-friendly navigation

Study Companion – Web App

- Created a study planning web application to track tasks and learning progress
- Focused on clean UI design and productivity-oriented features

TECHNICAL SKILLS

- Programming Languages: Python, C++, Java
- Web Technologies: HTML, CSS, JavaScript, React.js, Node.js, Express.js
- Core Concepts: DSA & OOPs
- AI/ML: NLP, Data Preprocessing, Model Evaluation
- Tools & Platforms: Git, GitHub, VS Code

COMPETITIVE PROGRAMMING

- Solved 1000+ Data Structures & Algorithms problems on CodeChef, LeetCode, and Codilio
- CodeChef: 1000+ problems solved with a 245+ day continuous solving streak
- Practicing competitive programming with focus on arrays, strings, hashing, stacks, queues, and greedy techniques

CERTIFICATIONS

- Get Started with Python – Google (Coursera)
- 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