

**Vinyas Kumar**  
Roll No.: 4VP20AI040  
AIML Engineer  
Vivekananda College of Engineering and Technology, Puttur

+91-7676531453  
✉ Vinyaskumar75@gmail.com  
🌐 GitHub Profile  
🔗 LinkedIn Profile

## EDUCATION

- **Bachelor of Engineering in Artificial Intelligence and Machine Learning** 2020-24  
*Vivekananda College of Engineering and Technology, Puttur* CGPA: 8.46
- **Schooling** 2006-18  
*Sudana Residential School* Percentage: 84
- **Pre University in PCMC** 2018-20  
*Narendra Pu College* Percentage: 80

## PERSONAL PROJECTS

- **Rain Prediction System**  
*A machine learning-based Rain Prediction System that forecasts the likelihood of rain for the next day using a 23-year dataset.*
  - Utilized the Random Forest algorithm for accurate predictions.
  - Incorporated local API data for real-time weather forecasting.
  - Dataset compiled by P.G.S.N Prasad, covering 23 out of 48 years.
  - Technology Used: Python, Random Forest, Local API.
- **Age and Gender Prediction Using CNN**  
*A deep learning-based system that predicts age and gender from images using Convolutional Neural Networks (CNN).*
  - Employed CNN for high accuracy in age and gender classification.
  - Integrated the system with a web interface for user-friendly interaction.
  - Technology Used: Python, TensorFlow/Keras, OpenCV, Streamlit.
- **Pest Detection in leaf using Digital Image processing**  
*A digital image processing system for detecting pests on leaves to aid in early intervention and crop protection.*
  - Applied image processing techniques for accurate pest identification.
  - Integrated a user-friendly interface for real-time analysis and results.
  - Technology Used: Python, OpenCV

## EXPERIENCE

- **Machine Learning Internship** Aug - Sep 2023  
*Zephyr Technologies and Solution* Online
  - Implemented regression algorithms for accurate price prediction.
  - Analyzed and processed extensive real estate datasets for model training.
  - Provided a user-friendly interface for inputting property details and obtaining price estimates.
  - Technology Used: Python, Scikit-learn, Pandas

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python, Javascript, HTML+CSS , Java  
**Libraries :** Python Libraries, ReactJs ,Scikit-learn,TensorFlow,OpenCV  
**Web Dev Tools:** Nodejs, VScode, Git, Github  
**Frameworks:** ReactJs,Django  
**Cloud/Databases:**MongoDb, Relational Database(mySql)  
**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.  
**Areas of Interest:** Web Design and Development,Machine Learning ,Deep Learning  
**Soft Skills:** Problem Solving, Self-learning, Presentation

## CERTIFICATES

- **Python Basics** Coursera Mar 2022
- **Data Collection and Processing with Python** Coursera Nov 2022
- **Python Functions, Files, and Dictionaries** Coursera May 2022
- **Supervised Machine Learning: Regression and Classification** Stanford May 2023
- **C++ For C Programmers, Part A** UC SANTA CRUZ Jun 2022
- **Python Classes and Inheritance** Couseara Jul 2023