



NOEL M ABY

Aspiring Machine Learning Engineer

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I'm an avid Machine Learning enthusiast, constantly exploring the world of algorithms, data, and AI-driven solutions. With a deep curiosity and a problem-solving mindset, I'm on a journey to harness the power of data to drive innovation and create smarter technologies.

EDUCATION

Senior Secondary School Bhavans Vidya Mandir Chithali

06/2019 - 03/2021

Chithali, Palakkad

B.Tech CS Jyothi Engineering College

10/2021 - Present

Cheruthuruthy, Thrissur

PROJECTS

Brown Plant Hopper Detection (02/2023)

- This Python program uses API-based location detection to find atmospheric data (temperature and humidity) via the machine's IP address. It then detects insects using OpenCV and sends audio messages to farmers based on temperature and insect count

Healthcare Cost Prediction Project

- Machine learning techniques to predict healthcare expenses based on various input factors. This project was completed as part of my data science and machine learning journey

Cat And Dog Classification

- This project is part of the FreeCodeCamp challenge to create a cat and dog classifier using machine learning. The goal is to build a model that can accurately classify images of cats and dogs. In this project, we've developed a model using TensorFlow and Keras to classify images of cats and dogs. The model has been trained using Convolutional Neural Network.

OpenCV Human Detection Security Camera

- This project is designed to enhance your security monitoring capabilities by automatically capturing video footage when human presence is detected in the camera's field of view.

My Portfolio Website

- My portfolio website crafted using JavaScript, HTML, Bootstrap, and CSS. It's a showcase of my work, skills, and projects, designed with a clean and responsive layout for easy navigation and an engaging user experience

WORK EXPERIENCE

Web Lead GDSC

09/2023 - Present

Web lead of Google Development Student Club at Jyothi Engineering College

Web-Master IEEE

11/2022 - Present

Web lead of IEEE "Institute of Electrical and Electronics Engineers" at Jyothi Engineering College

SKILLS

c

Java

Python

html

css

javascript

CERTIFICATES

VAIGA AGRI HACK23 Grand Finale (02/2023)

Qualified in the VAIGA AGRI HACK23 Grand Finale. Hosted by the Department of Agriculture Development and Farmers Welfare, Government of Kerala

Machine Learning with Python (09/2023)

Received the 'Machine Learning with Python' certificate from FreeCodeCamp, through the completion of five practical projects.

Cloud Computing (09/2022)

One week internship on cloud computing offered by Pace Lab

Full Stack Web Development (05/2023)

One week internship on Full stack web development conducted by Pace lab, Kochi

LANGUAGES

Malayalam

Native or Bilingual
Proficiency

English

Full Professional Proficiency

INTERESTS

Gamming

Website development