

AFLAH M

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PROFILE

Enthusiastic and self-motivated Computer Science graduate with a solid understanding of programming and web development, supported by hands-on experience through academic projects and self-learning

SKILLS

Technical C,Python,HTML,CSS,SQL,Java Script,Java

Soft skill: Time management,Problem solving,Teamwork,Quick learner,Communication

Tools: Bootstrap,GitHub,MongoDB

PROJECTS

WILD ANIMAL INTRUSION DETECTION USING YOLO

Academic Project | Python, YOLO, OpenCV

- Developed a computer vision system to detect wild animals in images and video using the YOLO object detection model.
- Trained a custom YOLO model using a labeled dataset of wild animal images, and integrated it with OpenCV to process frames and detect objects with bounding boxes
- Implemented an alert mechanism that triggers a warning when wild animals are detected, enabling early intervention and safety measures.

PERSONAL PORTFOLIO WEBSITE

Personal Project | HTML, CSS, JavaScript, Bootstrap, GitHub

<https://aflah-m.github.io/Personal-website/>

- Designed and developed a fully responsive portfolio website to showcase skills, projects, and contact information
- Built using modern web technologies with clean UI/UX, mobile-first design, and cross-browser compatibility
- Deployed the website using **GitHub** for easy access and professional presentation

ACADEMIC SEMINAR

YOLO based Intrusion Detection System for Physical Security and Surveillance

Presented a seminar on real-time intrusion detection system using YOLOv8, Python, and OpenCV for physical security applications. The system employed a **customized COCO dataset** and region-of-interest tracking to achieve high accuracy and responsiveness in surveillance scenarios

INTERSHIP ATTENDED

- **Android Flutter Development at Luminar Technolab**

EDUCATION

Bachelor of Technology in computer science Engineering

2021 – 2025

Indira Gandhi Institute of Engineering and Technology

Kothamangalam, *Eranakulam*

LANGUAGE

- English
- Malayalam