

Aakash D

aakashdorai@gmail.com | +91 9976287350 | DOB - 03 oct 2004

SKILLS

Programming Languages :

Python,Java,C,Verilog,Matlab

Programming Concept :

Object-Oriented Programming (OOP)

Tools & Platforms:

Vs code,GIT,Github,Excel,Windows

EDUCATION

B.E., ECE

Kingston Engineering College

2021-25 | Vellore

CGPA: 7.8 till 6th semster

HSC, Bio Maths

Goverment Higher Secondary School

2021 | Serkadu

SSLC

Goverment Higher Secondary School

2019 | Serkadu

LINKS

Github:// [https://github.com/](https://github.com/Aakashdoraisamy)

[Aakashdoraisamy](https://github.com/Aakashdoraisamy)

LinkedIn://

[https://www.linkedin.com/in/](https://www.linkedin.com/in/aakash-d-305a33253/)

[aakash-d-305a33253/](https://www.linkedin.com/in/aakash-d-305a33253/)

CERTIFICATIONS

Python : By Udemy [[link](#)]

Java : By Great Learning [[link](#)]

Excel : By Great Learning [[link](#)]

Network Essential : By Cisco [[link](#)]

WORKSHOPS

Image Classification

By Chennai Institute of Technology (CIT)

Android

By Codebind Technologies

Robotics

By Study World of Engineering

LANGUAGES KNOWN

• English • Telugu • Tamil

EXPERIENCE

OP Mobility Intern | Jul 2024 - Aug 2024 | Ranipet, India

Industrial Engineer Intern | programmable logic controller (PLC)

- Contributed to projects involving digital workstations and electrical troubleshooting
- Assisted in designing and programming PLC systems for automation projects, using ladder logic and structured text.
- Conducted testing and troubleshooting of PLC hardware and software to ensure efficient system operation.

Codebind Technologies Inplant | Jan 2023 - Feb 2023 |Chennai , India

Embedded System

- Developed and tested embedded software for microcontrollers using C/C++.
- Assisted in designing and debugging circuit boards for various embedded applications.

PROJECTS

ID CARD DETECTION Python |OpenCV|ESP32 CAM

Problem: Many students are Facing Attendace Issues

- Programmed the ESP32-CAM to capture high-resolution images and stream them to a server.
- Utilized Python OpenCV to preprocess images, including resizing, noise reduction, and edge detection.
- Implemented object detection algorithms to accurately locate and extract ID cards from the images.
- Integrated Tesseract OCR to read and verify textual information on the detected ID cards.
- Ensured real-time processing and optimized performance for efficient detection and extraction.

CHATBOT Python | NLP | NLTK

- Designed and developed a chatbot using Python, implementing Natural Language Processing (NLP) techniques for user query handling.
- Utilized libraries such as NLTK, TensorFlow, and NumPy to build and train the chatbot for efficient conversational interactions.
- Integrated machine learning algorithms to improve response accuracy and support real-time user interaction.
- Created a user-friendly interface using Python's Tkinter for seamless communication between the chatbot and users.

EXTRA CIRCULAR ACTIVITIES

NSS (National Service Scheme) Student Volunteer

- Participated in NSS camp focused on community service and development.
- Organized health awareness programs, cleanliness drives, and educational outreach.
- Demonstrated leadership, teamwork, and commitment to social responsibility through hands-on community projects.