

# AAKASH KUMAR

Email - [ak3183476@gmail.com](mailto:ak3183476@gmail.com) | +91-6350272036 | [Github](#) | [Linkedin](#)

## Education

### Vellore Institute of Technology, Chennai (TN) India

2021 - 2025

- Branch: CSE with AI and Robotics | CGPA: **8.98**

### St. Anselm's Sr. Sec. School, Alwar (Raj.) , India

- CBSE (Class XII) - 91%
- CBSE (Class X) - 92%

2021

2019

## Skills

C++ | C | Java | Python | HTML | CSS | JS | Node JS | MongoDB | ExpressJS | Ethical Hacking | Flask | Git | Github | Wordpress | Video Editing | Linux | MySQL | UI/UX | Networking

## Projects

### Project 1 - Face Recognition-Based Attendance System

Aug'23 ([Github](#))

*Simple and Fast Application to Automate Attendance with Face Recognition.*

- Efficient Face Recognition: Utilized the dLib module for fast and accurate face recognition, capable of identifying faces in dim lighting and with glasses. Facial features are captured, extracted, and saved to a CSV file for comparison during attendance.
- Web Application Integration: Developed a Flask-based web app to display real-time attendance records, including the date and time when the user's face is recognized and attendance is recorded.

### Project 2 - MemeGenerator Application

Jun'21 ([Github](#))

*This application generates random coding memes*

- It is created in Python language and uses the tkinter module for Graphical User Interface.
- It uses reddit api to fetch the memes and show them on the application, users can save the image and can generate new images as well.

### Project 3 - Garbage Collector Robot

Apr'23 ([Github](#))

*This robot collects all the garbage found in its path and removes it from the path.*

- It is an IOT project, this robot uses different sensors such as ultrasonic, infrared, etc. It detects anything in its path and picks it with the help of a robotics arm.
- This robot follows a black path and can automatically adjust its directions.

### Project 4 - VotingApp

Sep'24 ([Github](#))

*A backend application for a voting system that allows users to vote for candidates securely.*

- User Authentication and Voting: Implemented a secure sign-up and login system using Aadhar Card Number and password for users. Users can vote for a candidate only once, ensuring a fair and accurate voting process.
- Admin Candidate Management: Developed functionalities for admins to manage candidates, including adding, updating, and deleting candidates. Admins are restricted from voting.
- Technologies Used: Built with Node.js, Express.js, and MongoDB for efficient backend performance and data management.

## Work Experience

### Freelance (Fiverr)

2019 - 2022

- Created Various Graphical Videos and Intros/Outros For Youtube
- Created Responsive Wordpress Websites using tools like Elementor

## Positions of Responsibility

### DAC (Data Analytics Club) | Tech Member

2021 - 2022

- Contributed in the website creation of the club. Worked on the frontend using React JS.

### Linux Club | Tech Member

2022 - 2023

- Hosted the club event website on amazon AWS.
- Installed Linux on the student's system, Managed the events such as Password, HackersHorizon, etc.

## Academic and Extracurricular Achievements

- Have CDL(Cloud digital leader) and GCCF (Google Cloud Computing Foundations Program) certificates.
- 5 stars in C++, Java and Python on hackerrank. Currently doing leetcode.