

# KAVYA PALIWAL

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## SUMMARY

Self-motivated and ambitious individual intend to constantly learn and develop technical and management skills and utilize my relevant experience, technical expertise, and problem-solving skills in the field of computer science.

## EDUCATION

### VELLORE INSTITUTE OF TECHNOLOGY

2020 - Present

*Bachelor of technology, Computer Science with AI and Robotics*

- 8.04 CGPA

### DELHI PUBLIC SCHOOL, VARANASI

2018 - 2020

- 95.2% (AISSCE)

### DELHI PUBLIC SCHOOL, VARANASI

2008 - 2018

- 90.2% (AISSCE)

## PERSONAL PROJECTS

- **Obstacle Avoiding Car:** This project developed an obstacle avoiding robot which can move without any collision by sensing obstacles on its course with the help of one ultrasonic distance sensor.
- **ClipMist – Video Streaming Application:** Implemented a database to store all the links or paths of the videos as well as names, author, date of posting and comments. Used Typescript, SQL, HTML/CSS in creation and implementation.
- **Melanoma Detection:** The CNN classifier, which is trained by large number of training samples, distinguishes between melanoma and benign cases. Experimental results show that the proposed method is superior in terms of diagnostic accuracy. For augmenting small number of datasets, GANs is being used.
- **Toll Tax System:** There is an alarm which blows as soon as it detects a vehicle and it can be sensed through an IR sensor, and the amount to be paid off is also display. When the driver paid off the tax it allows moving further. This system takes a very small time, thus prevent the jam to occur.

## ACTIVITIES

- OWASP STUDENT CHAPTER VITC  
*Member*
- CYBERSECURITY STUDENT COMMUNITY VITC  
*General Secretary*
- LINUX USERS CLUB VITC  
*Member*

## TECHNICAL SKILLS

**Languages:** C++, C, Python, R, Java

**Automation:** UiPath

**Web Technologies:** HTML5, CSS3, JS, React, Node

**Other:** Problem solving, Data structures and algorithms, Graphic Design

**Software:** Figma, VScode, Anaconda, Canva, Microsoft Office

**Languages:** English (fluent), Hindi (fluent)

## CERTIFICATES

- OPERATING SYSTEMS AND YOU: BECOMING A POWER USER