

## KARAN CHANDER S R

Date of Birth	12 October 2006
Gender	male
Languages Known	English, Tamil, Telugu
Email	<a href="mailto:srkaranchander@gmail.com">srkaranchander@gmail.com</a>

## OBJECTIVE

seeking an opportunity to utilize my academic knowledge, analytical skills, and problem-solving abilities in a professional environment. I am enthusiastic about contributing to innovative projects, improving my technical expertise, and gaining valuable experience to support my career development.

## ACADEMIC QUALIFICATION

currently pursuing the Second year of a four-year B.Tech program in Information Technology at Vellore Institute of Technology, Vellore.

## ACADEMIC RECORD

<b>B.Tech Information Technology</b>	<b>2024-2025</b>
Vellore Institute of Technology, Vellore	8.73 GPA
<b>XII (Higher secondary, Central Board of Secondary Education)</b>	<b>2024</b>
Honey Bunch Senior Secondary School, Pollachi	84.4 %
<b>X (SSLC, Tamil Nadu State Board)</b>	<b>2022</b>
Shaanthi Matriculation Higher Secondary School, Pollachi	88.8 %

## AREAS OF INTRESTE

- |                           |                        |
|---------------------------|------------------------|
| ❖ Research paper writing  | ❖ Management           |
| ❖ Paper and Chapter Works | ❖ Java Programming     |
| ❖ Web Development         | ❖ Frontend Development |

## PATENTS AND PUBLICATIONS

- ❖ **Patent filed:** *"Intelligent Urban Planning System Powered by AI for Managing Traffic, Controlling Pollution, and Forecasting Infrastructure Needs."*

Publication Date : 13/06/2025 | Status: Approved | Application No.202541054507 A

- ❖ **Book Chapter Publication:** *"Green Computing, Smart Systems, and Environmental Informatics: Multidisciplinary Technological Innovation for Sustainable Development"*  
Published in *SHODHSPITIVALLEY: Multidisciplinary Research in Technological Innovation for Sustainable Development*, Multi Spectrum Publications, February 2025.

- ❖ **Research Paper Publication:**

Title: Segmentation and Classification Techniques: A Comparative Analysis Based on Performance Properties

This research presents a comprehensive comparative study of image segmentation and classification techniques, emphasizing their performance across key parameters such as accuracy, computational efficiency, and adaptability to diverse datasets. With a focus on real-world applications in fields like healthcare and autonomous systems.

## PROJECTS AND INTERNSHIPS

- ❖ **PROJECT - ROLLCALLX:**

RollCallX is a web-based attendance management system developed using HTML, CSS, JavaScript, Python (Flask), MySQL, and Chart.js. The project aims to automate and streamline student attendance tracking in educational institutions by replacing traditional manual methods. It features real-time attendance updates, secure user authentication for faculty and students, automated report generation, and data visualization through interactive charts..

- ❖ **Full Stack Web Development Intern**

Future Interns | July–August 2025

A one-month internship under the Future Interns Fellowship Program, gaining hands-on experience in full stack web development. Worked on real-world projects, contributed to both front-end and back-end development, and received a Certificate of Completion and a Letter of Recommendation.

## CERTIFICATIONS

- ❖ **Full Stack Web Development** - HTML, CSS, JavaScript - CSC Computer Education, Pollachi  
Successfully completed in July 2025
- ❖ **Java Programming Certification** - CSC Computer Education, Pollachi  
Successfully completed in July 2025
- ❖ **Google Gemini for Coders Certification** - Great Learning  
Course completed on July 13, 2025
- ❖ **Building a Website using ChatGPT** - Great Learning  
Course completed on July 13, 2025
- ❖ **ChatGPT for Microsoft PowerPoint** - Great Learning  
Course completed on July 13, 2025
- ❖ **ChatGPT for Coders Certification** - Great Learning  
Course completed on July 14, 2025
- ❖ **Active Participation in Technical Session:** *"Cisco Packet Tracer: A Powerful Tool for Network Design and Troubleshooting"*  
Organized by the School of Information Science, Presidency University, on February 7, 2025.
- ❖ **Python Programming Certification** – Udemy Academy  
*Successfully completed the Python course on January 3, 2025.*
- ❖ **Webinar Attended:** *"Cloud Computing Simplified: An Introduction to Microsoft Azure"*  
Organized by the School of Computer Science & Engineering and the School of Information Science, Presidency University, on November 16, 2024.
- ❖ **C and C++ Certification** – CSC Computer Education, Pollachi  
Successfully completed the C and C++ course in July 2024.

## SPORTS AND ACHEIVEMENTS

- ❖ State level Championship in Swimming
- ❖ State level Championship in Archery
- ❖ State level representation in Badminton
- ❖ Basketball Team Captain – School Team - Zonal Runners-Up
- ❖ Cent percent attendance in the college's fist academic year

## KEY SKILLS AND PROGRAMMING LANGUAGES

- ❖ JAVA
- ❖ HTML
- ❖ CSS
- ❖ JAVA SCRIPT
- ❖ PYTHON
- ❖ C and C++
- ❖ Time management and multitasking
- ❖ Effective leadership and teamwork
- ❖ Strong management abilities

## DECLARATION

I, KARAN CHANDER S R, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Vellore  
Date: 01/04/2025

(KARAN CHANDER S R)