

# KAVIMANI V

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## SKILLS

- **Programming Languages:** C, C++, Python (for Data Science), Java, JavaScript
- **Web Technologies:** HTML, CSS, Flask
- **Databases:** Oracle, MongoDB, SQL
- **Tools & Platforms:** Git, GitHub , VSCODE
- **Core Areas:** Data Structures & Algorithms, Computer Vision, Data Science, Machine Learning, **OOP, OS, DBMS, CN**

## LANGUAGES

- Tamil
- English (Fluent)

## ACHIEVEMENTS

- NPTEL Programming in JAVA-Elite scorer
- Runner-up in Detective SQL – MIT Tech Symposium (2024).
- Attended NSS Camp(Volunteering)

## SOFT SKILLS

- Critical thinking
- Team Work
- Adaptability
- Communication
- Leadership

## PROFILE

Enthusiastic Software Engineer specializing in full-stack development, data structures, and scalable applications using Python, Java, and SQL. Seeking opportunities to apply my skills in financial technology or enterprise-grade systems.

## PROJECTS

- **MDb(Movie DataBase) Application**  
Web application -DBMS Project  
Tech Stack: Java, Oracle SQL, JDBC, Swing
  - Engineered a Java-based movie database system with Oracle backend; enabled movie search, rating, and CRUD features using JDBC and Swing.
  - Collaborated with 2 peers to complete and test the application.
- **Weapon detection website**  
Computer vision Project  
Tech Stack: Python, OpenCV, HOG Features, Flask, HTML/CSS, Render
  - Developed a real-time weapon detection app using OpenCV and HOG feature extraction, deployed via Flask and Render;
  - Collaborated with a 3-member team.
  - Live Demo
- **Gatepass Management(For Hostels)**  
Data structures Project  
Tech Stack: C++, Binary Search Tree (BST), File Handling
  - Built a C++ console application using Binary Search Trees (BST) to automate hostel gatepass approval workflow; supported file-based data storage.

## CERTIFICATIONS

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| • Coursera    Programming    in | • Full stack Development Workshop |
| Javascript                      | • <u>React Basics</u>             |
| • Machine Learning              | • NPTEL Programming in Java       |

## EDUCATION

<b>Anna University,MIT campus,Chennai</b>	2023-PRESENT
• Bachelor of Technology in Artificial Intelligence and Data Science	
<b>CGPA - 8.21</b> (as of Semester 3)	
<b>AKT Academy MHSS</b> -Higher Secondary Examination: 96.66%	