

KAVIMANI V

SOFTWARE ENGINEER

CONTACT

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- 1/86,Devapandalam,Kallakurichi
- [My github profile](#)

SKILLS

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

LANGUAGES

- Tamil
- English (Fluent)

ACHIEVEMENTS

- [NPTEL Programming in JAVA-Elite scorer](#)
- [SQL Event Winner](#)
- Attended NSS Camp(Volunteering)



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
 - Developed a Java-based movie management system with an Oracle backend.
 - Implemented features for movie exploration, user ratings, and record management (actors, genres, directors).Collaborated with 2 peers to complete and test the application.
 - [GitHub link](#)
- Weapon detection website**
Computer vision Project
Tech Stack: Python, OpenCV, HOG Features, Flask, HTML/CSS, Render
 - Built a machine learning-powered web application to detect weapons in uploaded images or live camera feeds.
 - Used HOG (Histogram of Oriented Gradients) feature extraction and OpenCV for object detection.Worked in a team of 3 to deploy a fully functioning public demo.
 - [GitHub link](#)
 - [Link to website](#)
- Gatepass Management(For Hostels)**
Data structures Project
Tech Stack: C++, Binary Search Tree (BST), File Handling
 - Designed and developed a C++ program using BST to efficiently manage student pass requests and room allocations.
 - Implemented logic to allow hostel wardens (RC) to approve or reject passes.
 - [GitHub link](#)



CERTIFICATIONS

- [Full stack Development Workshop](#)
- [Coursera Programming in Javascript](#)
- [Machine Learning](#)
- [NPTEL Programming in Java](#)

EDUCATION

- Anna University,MIT campus,Chennai** 2023-PRESENT
 - Bachelor of Technology in Artificial Intelligence and Data Science
 - CGPA - 8.196(till 3rd semester)
- AKT Academy MHSS** -Higher Secondary Examination: 96.66%