

Sathyaseelan K

Karur, Tamil Nadu | ksathyaseelan34@gmail.com | +91 97904 19564 | [GitHub](#) | [LinkedIn](#)

Education

B.Tech in Information Technology

Aug 2023 – Present

M.Kumarasamy College of Engineering, Karur

CGPA: 7.8 (Current)

HSC & SSLC

Completed in 2023

Chelammal Vidhyaashram, Trichy

HSC: 86% SSLC: 84.3%

Technical Skills

Languages: Python, Java, PHP, HTML, CSS, SQL

Frameworks: Flask, Bootstrap, MediaPipe, OpenCV

Tools & Platforms: XAMPP, Google Cloud, MySQL

Projects

AI Smart Attendance System using Face Recognition

Mar 2025 – Apr 2025

- Hybrid system using Python (DeepFace + OpenCV), PHP, and MySQL.
- Automates attendance using live webcam and face matching.
- Built with user registration, real-time recognition, and admin dashboard.

Hand Gesture Calculator

Feb 2025

- Uses Python, MediaPipe, and OpenCV to recognize finger gestures as input.
- Performs real-time mathematical operations through camera feed.

Learning Management System

Jan 2025

- Developed a full-stack LMS using HTML, CSS, PHP, MySQL for managing courses, students, assignments, and attendance.
- Implemented role-based access for admin and students; enabled uploading materials, tracking performance, and submission handling.
- Designed a dynamic admin dashboard with data analytics and smooth navigation between pages.

Certifications

- Google Cloud SkillBoost Labs – Foundations of Cloud
- Introduction to Data Analytics on Google Cloud – Google Cloud Skill Boost (Feb 2025)
 - Earned Skill Badge while mastering core data analytics concepts, including data collection, processing, and visualization using Google Cloud tools.
 - Gained practical insights into leveraging cloud-based analytics for business intelligence and performance optimization.
- Introduction to Networking – Coursera (Offered by NVIDIA) (Jan 2025)
 - Learned fundamental networking concepts, including TCP/IP, DNS, routing, and network security.
- Scored 61% in “Introduction to Industry 4.0 and Industrial Internet of Things” – NPTEL (IIT Kharagpur)

Languages Known

- English (Professional) Tamil (Native)