

KALAISELVI D

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EDUCATION

SRI RAMANUJAR ENGINEERING COLLEGE

B.E in Computer Science
and Engineering - 2026
CGPA: 9.02

BHARATHIYAR MATRIC. HIGHER SEC. SCHOOL

HSC - 2022
PERCENTAGE: 83%

BHARATHIYAR MATRIC. HIGHER SEC. SCHOOL

SSLC - 2020
PERCENTAGE: 79.2%

SKILLS

LANGUAGES

Frontend: Python, JS, HTML, CSS
Backend: Mysql Database
others: java,c,c++

FRAMEWORKS

React.js, Flask

TECHNICAL SKILLS

GitHub, PowerBI, MExcel, MSWord.

SOFT SKILLS

Problem solving
Teamwork and Collaboration
Communication
Time Management.

CLUBS & ACTIVITIES

Class Representative, Coordinator in
clg for Symposium

CERTIFICATIONS

FULLSTACK DEVELOPMENT

Platform: PMKVY

EMBEDDED SYSTEMS AND IOT

Provider: SRF Foundations

TYPEWRITING

Both Tam and Eng with Distinction

LANGUAGES

English, Tamil, Hindi (Basic)

EXPERINCE

SRF FOUNDATIONS | INTERN

july 20 – Aug 16

- Gained hands-on experience in IoT technologies including Arduino, sensors, motors and hardware integration.
- Learned to Run 3D Printer and Engraver machine to build new models also to print and cut the images.
- Tech Stack: TinkerCad, Laser GRB, Cirqit

PROJECTS

SMART TRAFFIC SIGNAL WITH AMBULANCE PRIORITY USING ARDUINO | MINI PROJECT

july 2025 – Aug 2025

- Developed an Arduino Uno and IR Sensor-based traffic signal management system that gives priority to ambulances
- Programmed in C++ to switch signals automatically
Emergency mode: immediate green light for the ambulance's lane.
- TechStack: Arduino IDE, Cirqit (Circuit Design)

HOSTEL ATTENDANCE SYSTEM WITH SMS ALERTS | MAIN PROJECT

May 2025 - june 2025

- Developed using simulated fingerprint ID input in Python.
- Recorded IN/OUT status in a Mysql database with timestamps.
- Send real-time SMS alerts to Registered parents Phoneno using Twilio API
- Tech Stack: Python, Mysql, Twilio API, VS Code, Datetime module, Github

ACHIEVEMENTS

ACADEMICS

- Maintained 1st rank in college across all semesters

CODING

- Awarded first prize in New Prince college Symposium - Code Debugging
- Awarded cash prize in Jeppiaar College Symposium – AI Arena event

TECH PROFILE LINKS

- Coding Profile://
<https://www.geeksforgeeks.org/user/kalaiselvsc1g/GeeksforGeeks>
- GitHub:// <https://github.com/au412322104024au4123221004024>

INTERESTS

Learning new things
Playing chess