

HEMACHANDRAN G



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[Hemachandran-G](#) | [GitHub](#)

OBJECTIVE

A motivated individual with in-depth knowledge of programming languages and development tools, seeking a position in a growth-oriented company where I can utilize my skills for the company's benefit while continuing to develop my abilities.

EDUCATION

2021-2025 | B.Tech in Computer Science and Engineering | SASTRA University , Kumbakonam,Tamilnadu

- **CGPA – 6.7 upto 6th semester**

2020-2021 | 12th Standard | Raj Vidhyalaya Matric Hr.Sec School , Kuthalam, Mayiladuthurai

- **Percentage secured – 90.3%**

2018-2019 | 10th Standard | Raj Vidhyalaya Matric Hr.Sec School , Kuthalam, Mayiladuthurai

- **Percentage secured – 93.2%**

SKILLS

- Front end development (Beginner)
- PostgreSQL
- Node.js , Express Js
- MS Excel
- Programming Languages :
 - C
 - C++
 - Java
 - Python

AREA OF INTEREST

- Web Development
- Coding / Programming

PROJECTS

- **HUMAN SAFETY DEDUCTION IN COASTAL AND SEA SHOREAREAS**

Developed an Arduino-based surveillance system combining a camera module and PIR sensor to detect human motion. Integrated a GSM module for real-time SMS alerts and a GPS module for location tracking. The system enhances beach security with image processing and motion detection technologies.

- **HOTEL WEBSITE DEVELOPMENT**

Developed a responsive hotel website using HTML, CSS, and JavaScript. Utilized Bootstrap for responsiveness and a neat, modern design | [GitHub Repository](#)[Link]

HOBBIES

- Solving coding challenges on HackerRank and LeetCode to improve problem-solving skills.
- Playing chess
- Listening songs

LEADERSHIP

- 2024-2025 | THETA'24 Committee head for Promotion and outreach

CERTIFICATES

- April'23 | TinyML with Embedded systems by Techno Management Fest
- April'23 | Chess Winner in Intramural Tournament
- April'23 | IT-Ites SSc Digital 101 journey by NASSCOM
- February'24 | Learn Python Programming Master Class by Udemy