

# SNEHAMARY SHAJI

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## PROFILE

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I am a driven and adaptable software developer currently undergoing specialized C++ training at UST, with a solid foundation in C programming. I am committed to continuous learning and applying new technologies to real-world challenges. My expertise encompasses object-oriented design, data structures, algorithms, and multithreading, enabling me to develop efficient and scalable software solutions.

## WORK EXPERIENCE

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### UST GLOBAL

#### Developer I – Software Engineer

Chennai, Tamil Nadu

March 2025 – Present

- Undergoing professional C++ training that covers foundational concepts, advanced techniques, and industry best practices.
- Through a combination of theoretical lessons and hands-on projects, I have gained proficiency in areas such as object-oriented programming, memory management, concurrency, and template programming.
- Practiced applying my skills and knowledge by tackling unique and scenario-based problem statements.

## EDUCATION

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### MAR BASELIOSE INSTITUTE OF TECHNOLOGY AND SCIENCE

Bachelor of Technology in Electronics and communication

Cumulative GPA: 6.94/10.0

Kochi, Kerala

July 2019 - July 2023

### GHSS RAJAKKAD

Higher secondary school

Percentage:80%

Idukki, Kerala

July 2017-june 2019

### GHSS RAJAKKAD

SSLC

- Percentage:90%

Idukki, Kerala

July 2017

## TECHNICAL SKILLS

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**Languages:** C++, C

**Tools:** Linux, windows, Git, VS Code, Makefile

**Embedded skills:** RTOS, Microcontroller, I2C, UART, SPI

**Other:** Data structure

## PROJECTS

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### Safety device for coal mines (2023)

- Developed a real time safety system that enhance the safety of women.
- The device incorporates GPS and GSM to enable real time tracking and communication.

### Women safety device using GSM and GPS (2022)

- Developed a real time safety system that enhance the safety of women.
- The device incorporates GPS and GSM to enable real time tracking and communication.

### Image steganography (2024)

- Developed a project to hide messages within image using LSB.

- Ensured image quality was preserved after hiding the messages.

### **Inverted search (2024)**

- Inverted index data structure that stores a mapping from contents such as words or numbers, to its location in a table or in a document or set of documents.

## **COURSE AND CERTIFICATION**

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### **Embedded system**

Bangalore, India

By Emertxe Information Technologies