SNEHAMARY SHAJI

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# PROFILE

# 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

**UST GLOBAL** Chennai, Tamil Nadu

**Developer I – Software Engineer** 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

**MAR BASELIOSE INSTITUTE OF TECHNOLOGY AND SCIENCE** Kochi, Kerala

Bachelor of Technology in Electronics and communication July 2019 - July 2023

**Cumulative GPA: 6.94/10.0**

**GHSS RAJAKKAD** Idukki, Kerala

Higher secondary school July 2017-june 2019

**Percentage:80%**

**GHSS RAJAKKAD** Idukki, Kerala

SSLC July 2017

* **Percentage:90%**

# TECHNICAL SKILLS

# Languages: C++, C

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

**Embedded skills:** RTOS, Microcontroller,12C, UART, SPI

**Other:** Data structure

# PROJECTS

# 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

**Embedded system** Bangalore, India

By Emertxe Information Technologies