

# THARSHANA SARATHCHANDAR

## SOFTWARE ENGINEERING UNDERGRADUATE

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### PROFILE SUMMARY

As a highly motivated Software Engineering undergraduate, I have a strong programming foundation and a relentless commitment to excellence. I am eager to leverage my skills to contribute meaningfully to your pioneering telecommunication products and enterprise solutions.

### EDUCATION

#### BSc(Hons) in Software Engineering

2023 - Present

University Of Kelaniya

- Current GPA : 3.3

#### G.C.E Advanced Level(Physical Science)

2019 - 2022

Jaffna College , Vaddukoddai , Jaffna.

- Z-Score : 1.6248
- Combined Mathematics - A
- Chemistry - A
- Physics- B

### TECHNICAL SKILLS

#### Programming Languages

- Python
- C
- CSS
- Java
- PHP
- JavaScript
- HTML

#### Other Concepts

- OOP Concept
- Data Structures & Algorithms
- Solid Principles

#### Frameworks & Libraries

- React JS
- Node JS
- Spring Boot
- ExpressJS
- Angular JS

#### Tools & IDEs

- GitHub
- PowerBI
- VS Code
- Postman
- JIRA
- IntelliJ IDEA

#### Databases

- MySQL
- MongoDB

### PROJECTS

#### • Personal Portfolio(Individual Project)

Designed and built a modern portfolio site to highlight web development skills and projects. Implemented using HTML/CSS/JavaScript with responsive design and GitHub for deployment and source tracking.

Source : [Personal Portfolio](#)

- **Fuel Quota Management(Group Project)**

An all-in-one fuel quota management platform developed to effectively manage fuel allocation and usage, promoting fair distribution and minimizing abuse through an organized digital process.

Source : [Fuel Quota Management](#)

- **Blood Donation(Group Project)**

Designed and built a modern portfolio site to highlight web development skills and projects. Implemented using HTML/CSS/JavaScript with responsive design and GitHub for deployment and source tracking.

Source : [Blood Donation](#)

- **Sound Pulse(Individual Project)**

Analyzed Spotify music data using Python and APIs to extract, store, and visualize user listening patterns. Built an ETL pipeline with MySQL and CSV for efficient data handling and insights generation.

Source : [SoundPulse](#)

## CERTIFICATIONS

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- **Certification in Python(Basic)**

[view certificate](#)

- **Certification in C**

[view certificate](#)

## LANGUAGES

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- English (Professional Proficiency)

- Tamil(Fluent)

- Sinhala(Grade C in G.C.E O/L Examination)

## SOFT SKILLS

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- Leadership

- Effective Communication

- Time Management

- Critical Thinking

- Teamwork

- Continuous Learning

## REFERENCES

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Dr. Nalin Warnajith  
Senior Lecturer(Grade II)  
Software Engineering Teaching Unit  
Faculty Of Science  
University Of Kelaniya  
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