



# Shilpa Perera

✉ shilpa.laksahani@gmail.com

📍 No 18, Dhammanandha Road,  
Templers' Road, Mount Lavinia,  
Sri Lanka.

🌐 linkedin.com/in/shilpa-  
perera-866522201

☎ +94762658273

🔗 [https://shilpaperera-  
me.vercel.app/](https://shilpaperera-me.vercel.app/)

🔄 [https://github.com/Shilpa-  
Perera](https://github.com/Shilpa-Perera)

## Profile

An enthusiastic undergraduate seeking a **software engineer** position where I meet new challenges every day, utilizing my fullest potential while getting a chance to work with new technologies. I am a hardworking person with the capability and skills to adapt to a new working environment, aiming to contribute my fullest effort to achieve goals.

## Technical Skills

### Programming Languages

Java | Python

### Frameworks and Technologies

Spring Boot | Node.js | React

### Web Development

JavaScript | HTML5

### Databases

MySQL | MongoDB | SQLite

### Cloud and Devops Technologies

AWS | Docker

## Achievements

### 1st Runner-up : InspiHer{Tech} V1.0

2021

Inter-university tech competition organized by IEEE WIE Affinity Group of Sri Lanka Technological Campus.  
Team : Divergent

## Education

### BSc (Hons) Computer Science & Engineering

2019 – 2024 (Expected June)

Department of Computer Science and Engineering, Faculty of Engineering, University of Moratuwa, Sri Lanka.

Current GPA – 3.81/4.2

Dean's list – semester 1, semester 4, semester 5, semester 6

## Professional Experience

### Visiting Instructor

2023 Jul – 2023 Nov

Department of Computer Science and Engineering,  
University of Moratuwa, Sri Lanka.

- Conducted CS 2053 Computer Architecture practical lab sessions.

### Intern Software Engineer

2023 Jan – 2023 Jul

D F N Technology Pvt Ltd, Malabe, Sri Lanka.

- Worked on backend implementation of a Hyperledger Fabric blockchain network creator tool.
- Technologies: Java, Spring Boot, Docker, Hyperledger Fabric,

## Projects

### Cloud Native Realtime Multi Blockchain Visualizer

2024

Final Year Research

- A blockchain visualization framework that can visualize real-time statistics of a blockchain network using cloud-native technologies.
- Technologies: AWS, React, Blockchain

## Participation in MoraXtream 6.0

2021

Intra university hackathon organized by the University of Moratuwa.

Rank: 33 from 200+ teams

## Courses and Certificates

### AWS Cloud Practitioner Essentials

2023

AWS Web Services

### Supervised Machine Learning: Regression and Classification on Coursera

2023

## Volunteer Experience

### SLIoT Challenge - Organizing Committee Member

2022

Editorial committee member for IoT competition organized by UoM collaboration with SLT

### 'Are You Ready? 2020' Flagship fair committee member

2020

Rotaract Club of the University of Moratuwa.


## References

**Dr. Sunimal Rathnayake,**  
*Senior Lecturer,*  
Department of Computer Science and Engineering , Faculty of Engineering  
University of Moratuwa  
sunimal@cse.mrt.ac.lk, +94-778077544

**Mr. Banusha De Silva,**  
*Associate Software Architect,*  
D F N Technology (Pvt) Ltd, Malabe, Sri Lanka  
b.desilva@directfn.com, +94770289344


## GPA Calculator

2024

- App to keep track of a university student's grade point average (GPA).
- Technologies: Flutter, Dart
- [https://github.com/Shilpa-Perera/gpa\\_calculator](https://github.com/Shilpa-Perera/gpa_calculator) 

## Let'sGo - Mobile Application for Indoor localization

2024

- An Android application that utilizes existing Wi-Fi infrastructure to determine indoor locations.
- Technologies: Java, Firebase
- <https://github.com/Shilpa-Perera/LetsGo> 

## InventoryNest - Inventory Management System (ongoing project)

2024

- Non-medical equipment's inventory management system for medical administration purposes.
- Technologies: Spring Boot, MongoDB


## NFT Marketplace

2022

- A platform which allows customers to mint, list and sell NFTs on the Ethereum blockchain with an admin panel which can monitor the sales activities.
- Technologies: Next.js, Tailwind CSS, Solidity, MongoDB

## Single Vendor E-Commerce platform

2022

- A web application that enables the commercial process of buying and selling over the internet.
- Technologies : MySQL , Node JS , React JS , Express JS
- <https://github.com/Shilpa-Perera/E-Commerce-Platform> 

## Home Quarantine Management System

2021

- A web application for continuously monitor the progression of home-quarantined patients with COVID-19. The Application provides mechanism for patients to record their symptoms and the doctors assigned will monitor the symptoms and will provide feedback.
- Technologies : PHP , HTML , MySQL, JavaScript