



# Shilpa Perera

✉ shilpa.laksahani@gmail.com

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

🌐 <https://github.com/Shilpa-Perera>

☎ +94762658273

🌐 [linkedin.com/in/shilpa-perera-866522201](https://www.linkedin.com/in/shilpa-perera-866522201)

🗣 <https://medium.com/@laksahaniperera>

## Profile

A potential individual with a passion for computer science and keen on learning new technologies. Having a solid foundation in backend development and blockchain technology, I am eager to expand my knowledge to enhance both personal growth and contribute to the company's success. With a strong team spirit, I am excited to collaborate with a supportive team and contribute to impactful projects.

## Technical Skills

### Programming Languages

Java | Python

### Frameworks and Technologies

Spring Boot | Node JS | React

### Web Development

JavaScript | HTML5

### Databases

MySQL

## 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 Engineering Undergraduate

2019 – 2024 May (Expected)

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

Current GPA - 3.85

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.

## 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.

## Courses and Certificates

### AWS Cloud Practitioner Essentials

2023

AWS Web Services

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

2023

## 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

- Derive an ontology using multiple blockchain networks as part of the research element.
- Technologies: AWS, React JS, Blockchain


### Let'sGo - Mobile Application for Indoor localization

2024

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

### GPA Calculator

2024 May – present

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


### InventoryNest - Inventory Management System

2024 – present

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

### Single Vendor E-Commerce platform

2022

- A web application that enables the commercial process of buying and selling over the internet. The application has main features for customers to find specific products, cart feature for order management, inventory management and report generation.
- 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. The doctors which assigned for a particular patient will monitor the symptoms and will provide feedback or directed to a hospital depending on the severity of symptoms.
- Technologies : PHP , HTML , MySQL, JavaScript