



# SEWMI SENARATH

## SOFTWARE ENGINEERING UNDERGRADUATE

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### SUMMARY

I am a Software Engineering undergraduate passionate about designing and developing innovative solutions. I am seeking an entry-level position to leverage technical skills to deliver efficient, scalable results. I am a collaborative team player with proven ability to multitask, delivering high quality results under pressure.

### TECHNICAL SKILLS

#### Programming Languages

- Java(Proficient)
- JavaScript(Proficient)
- PHP
- Kotlin
- Python
- Golang

#### Web Development

- MERN Stack
- HTML
- CSS(Tailwind, Bootstrap)

#### Mobile Development

- Android(Kotlin)

#### Testing Tools

- Selenium
- Cypress
- Postman
- JUnit

#### DevOps Tools

- Docker
- Kubernetes
- GitHub/Git

#### Database Management

- SQL (MySQL)
- NoSQL (MongoDB)

### EDUCATION

#### Sri Lanka Institute of Information Technology (SLIIT)

Oct 2022 - Present

BSc (Hons) in Information Technology specializing in Software Engineering

#### Viharamahadevi Balika Vidyalaya- Kiribathgoda

General Certificate of Advanced Level (Bio Science stream)

2022 (2021)

General Certificate of Ordinary Level

2018

### PROJECTS

#### Restaurant Management System

Developed a full-stack Cloud-Native Food Ordering & Delivery System using Microservices using MERN stack where I completed the Restaurant Management System.

Tools used- VS code, GitHub, Docker, Kubernetes, Postman

#### Employee Management System

Led an 8 member team to build a full-stack WebApp for Tannoy Electrical Industries meeting client requirements with real-time data management and API testing via Postman.

Tools used- Visual Studio Code, GitHub, Postman

#### Task Manager Pro

Developed a Kotlin based To-Do list app with task management, countdown timers, home screen widget, and notification alerts.

Tools used- Android Studio

#### Frontend Application using REST Countries API

Developed an application using React functional components consuming data from the REST Countries API with API integration, application design, and deployment with test cases(unit tests, integration tests)

Tools used: Visual Studio Code, Cypress, GitHub

#### REST API for Book Entity

Developed REST API to perform CRUD operations on Book entity with search functionalities using GoLang.

Tools used- Visual Studio Code, Docker, Kubernetes, Postman

#### Finance Tracker

Developed a RESTful API for a Personal Finance Tracker using Express.js (Node.js) and MongoDB, enabling users to manage financial records with test cases(unit tests, integration tests)

Tools used- Visual Studio Code, GitHub, Postman

### VOLUNTEER EXPERIENCE

- AIESEC in SLIIT [2022 - 2023] - B2B Manager: IGV  
(Collaborated with teams to coordinate projects, enhancing communication and organizational skills)
- Gavel club of SLIIT [2022] - Member

### REFERENCES

#### Mr.Buddika Harshanath

Senior Lecturer

Faculty of Computing - SLIIT

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#### Ms.Thilini Mahanama

Senior Lecturer

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