

# SHAKYA WIJERATHNE

## SOFTWARE ENGINEERING UNDERGRADUATE

☎ +94 75 713 1163

✉ chethiya.20210483@iit.ac.lk

📍 3/185, Galagedara Rd, Katugastota

🌐 [linkedin.com/in/shakya-wijerathne](https://www.linkedin.com/in/shakya-wijerathne)

🐙 <https://github.com/ShakyaCW>

🌐 <https://shakya-wijerathne.github.io/>

## PROFESSIONAL SUMMARY

As an undergraduate software engineer, I am deeply passionate about technology and enjoy applying it to solve real-world problems. Collaborating with teams is something I find especially rewarding, and I am always eager to learn new things. I have a deep appreciation for self-learning and seek out opportunities to expand my knowledge and skill set.

## EDUCATION

### BEng(Hons) Software Engineering

2022 Jan - Present

Informatics Institute of Technology (IIT) affiliated with University of Westminster UK.

Relevant Modules - Level 5 (Year 2)

Module	Marks(%)
Object Oriented Programming	85
Database Systems	84
Software Development Group Project	TBA
Machine Learning & Data Mining	TBA
Data Structures & Algorithms	TBA
Server-side Web Development	TBA

Relevant Modules - Level 4 (Year 1)

Module	Marks(%)
Mathematics for Computing	100
Software Development I (Python)	99
Computer Systems Fundamentals	97
Software Development II (Java)	88
Web Design and Development	85
Trends in Computer Science	63

### G.C.E Advanced Level 2020 (Physical Science Stream)

2020 Oct

Ranabima Royal College, Kandy

Subject	Result
Combined Mathematics	C
Physics	C
Chemistry	C

## SKILLS

### Technical Skills

- Java
- Python
- MySQL
- PHP
- JavaScript
- HTML
- CSS
- GIT
- MS Office
- Adobe Photoshop

### Soft Skills

- Effective Communication Skills
- Fast Learner
- Teamwork and Adaptability
- Time Management
- Pressure Handling

## PROJECTS

---

### **'Mr. Cinephile' (Group Project)**

**2023**

Tools - Python, HTML, CSS, JavaScript, TMDB API, Python Flask

Mr. Cinephile is a descriptive movie search engine. This helps people to find the titles of movies that they have forgotten. Users can enter a description of a movie as they remember it, and the application gives guesses based on their input using NLP algorithms.

### **'Belencia' Sports Website (Group Project)**

**2022**

Tools - HTML, CSS, JavaScript

Belencia is a website we created for a sport equipment company. This website contains several pages such as "Buy Products", "Quiz", "Thumbnail Images" & "Queries" etc.

### **'Medical Center Management System (Individual Project)**

**2023**

Tools - Java, Java Swing

This application contains two parts: a console application and a GUI approach. The console application was made with pure Java, and the GUI was made with Java Swing.

### **Fuel Queue Management System (Individual Project)**

**2022**

Tools - Java, JavaFX

This console application was made to manage the queues at the filling stations more effectively. Also there's a JavaFX GUI for the operator to view the status of each queue.

### **Student Progression Calculator (Individual Project)**

**2022**

Tools - Python

This application has two versions: Student version & Staff version. Students are allowed to enter their credits and then system display the appropriate progression outcome for that individual student. Staff members can analyse the progression of multiple students

### **'HOMTEQ' Commercial Website (Individual Project)**

**2023**

Tools - PHP, MySQL, HTML, CSS

HOMTEQ is a fully functional commercial web app. This app provides functionalities such as user authentication and authorization, Product catalog and inventory management etc.

## REFERENCES

---

### **Ms. Nethmi Wijesinghe**

Assistant Lecturer  
School of Computing,  
Informatics Institute Technology (IIT).  
Phone : +94 76 903 0880  
Email : nethmi.wi@iit.ac.lk

### **Mr. Nuwan Jayawardene**

Assistant Lecturer  
School of Computing,  
Informatics Institute Technology (IIT).  
Email : nuwan.j@iit.ac.lk