



# Umesha Samarakoon

SE Undergraduate

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🌐 Umesha Samarakoon 🌐 Umesha Samarakoon

## PROFILE

I am a SE undergraduate with a solid foundation in software development principles and methodologies and hands-on experience in various programming languages and tools. Demonstrates a keen interest in exploring emerging technologies and their application to real-world problems. A proactive learner with a collaborative mindset, eager to contribute to dynamic teams and drive impactful projects forward. I am excited to take an opportunity to leverage academic knowledge and practical skills to make meaningful contributions in the field of software engineering.

## EDUCATION

### BEng(Hons) Software Engineering

01/2023 – present

University of Westminster

Software Engineering Principles and Practice	77
Computer Systems Fundamentals	93
Database Systems	80
Mathematics for Computing	87
Object-Oriented Programming	80
Software Development I	88
Web Design and Development	77
Trends in Computer Science	71

### Foundation Certificate in Higher Education

05/2022 – 12/2022

Informatics Institute of Technology

Completed with a Distinction pass

### G.C.E. O/L Examination

05/2022

Pushpadana Girls' College, Kandy

Completed with 8As & 1B

## PROJECTS

### Maintenex - Vehicle Companion

09/2023 – 03/2024

Software Development Group Project

Maintenex is a mobile app built with Flutter and Firebase, offering users streamlined vehicle maintenance tracking and management features, including service history, reminders, mileage tracking, and fuel usage monitoring

### Sliding Puzzle Path Finder- Algorithm

2024

Individual Project

Implemented an algorithm which finds the shortest path in a given puzzle with the help of data structures and using Dijkstra's algorithm.

### Melodeez - Web Project

2023

Web Development Group Project

Melodeez is a music-themed web page crafted with HTML, CSS, and JavaScript, providing users with a platform to discover and enjoy music.

## Westminster Shopping Manager

2023

### Individual Project

Developed a Java application where administrators can add products. Additionally, I have created a user-friendly GUI for customers to browse and purchase these items using Swing.

## Queue Management System

2023

### Individual Project

The Queue Management System is a Java project with a JavaFX user interface, designed to streamline and optimize queuing processes for improved customer service efficiency.

## SKILLS

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### Programming Languages

Python, Java

### Mobile App Development

Flutter

### Soft Skills

Team Working, Time Management, Problem Solving, Hard Work

### Web Development

HTML, CSS, JavaScript, React.js, Node.js, Express.js, PHP

### DBMS

MySQL, MongoDB

## REFERENCES

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**L.M.R.P.Ariyaratne**, *Manager*, Bank of Ceylon, Kurunegala  
rajitha.pcd@gmail.com, +94766909075

**Hiruni Samarage**, *Assistant Lecturer*, Informatics Institute of Technology  
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## DECLARATION

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I hereby declare that all the information provided in this Curriculum Vitae is true and accurate to the best of my knowledge. I understand that any misrepresentation or omission of facts may result in disqualification from consideration for employment or, if already employed, termination from service.



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**Umesha Samarakoon**

05/07/2024