

# GEETHIKA RATHNAJITH

SOFTWARE ENGINEERING UNDERGRADUATE

## CONTACT



77 788 2354



geethika77@icloud.com



www.linkedin.com/in/geethika-rathnajith-409527277



Colombo, Sri Lanka

## SKILLS

Flutter Development

Wireframes

Linux

Agile Methodologies

## EDUCATION

2023 - Present

**BSc (Hons) Software Engineering**

**University of Central Lancashire**

2007 - 2020

**Primary/Secondary Education**

**Royal College, Colombo**

## PROGRAMMING LANGUAGES

C++



Dart



Python



## EDUCATION

English



Sinhala



## PROFILE

I am a Software Engineering student at the University of Central Lancashire (UCLan), driven by a passion for coding and a curiosity about software development. Alongside my studies, I have completed personal coding projects, enhancing my skills and gaining practical experience. Eager to collaborate and contribute, I am poised for a fulfilling career in software engineering

## PROJECTS

### Augmented Reality Application for Deaf and Mute Student Assistance (Group)

*My task : Unity AR implementation*

Developed an augmented reality (AR) application with Unity and Google APIs to help deaf and mute students communicate better. Incorporated features for an interactive and accessible user experience, like picture tracking, speech-to-text, and text-to-speech. Used GitHub, Unity ARCore, Visual Studio Code tools for effective project development and administration.

### Mini game

*Using TL engine and C++ Language*

Created a 3D car game using TL Engine and C++, featuring realistic physics, dynamic lighting, and user interaction for an immersive experience, showcasing game development skills and technical creativity.

### Word filtering program

*Using C++*

Developed a C++ word filter, demonstrating coding proficiency through file handling, detailed comparisons, and advanced features like case-insensitive filtration and sentiment analysis. Adhered to coding standards and OOP principles, earning a high grade.

### Movie Rating App

*Using Flutter and Dart Language*

Developed a movie rating application using Flutter, showcasing my mobile app development skills. The app allows users get information about movies, providing a user-friendly interface for an engaging and interactive experience.

### Restaurant ordering system

*C++ Language*

Developed a C++ command-line UCLan Burger ordering system, featuring credit transactions, dynamic pricing for burger sizes, and customizable toppings. Employed modular coding for better readability and maintenance, demonstrating robust C++ skills, input validation, and interactive menu design for versatile software development.