



# DEESHANA LIYANGE

Computer Science Undergraduate

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**[GitHub](#) | [LinkedIn](#) | [Website](#) | [Instagram](#)**

## PROFILE

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Computer Science undergraduate with a strong foundation in Python, Java, web development, and Unreal Engine 5.

Experienced in applying programming skills to projects focused on user experience and problem-solving. Highly motivated to pursue a career in game development, with a passion for learning new technologies and creating immersive, interactive solution

## EDUCATION

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Feb 2023

**University of Westminster, Department of Computing**

Sep 2023 - Present

BSc (Hons) Computer Science

- Software Development I - 77
- Software Development II - 60
- Object Oriented Programming - 69
- Database Systems - 88
- Game Engine Architecture - 69

**Bandarawela Central College**

G.C.E Advanced Level 2022 - Physical Science

- Combined Mathematics - C
- Physics - C
- Chemistry - B

G.C.E Ordinary Level 2019

Dec 2019

- 9As

## PROJECTS

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**DreamAuto (Software Development Group Project)**

2025 - PRESENT

- A web app that helps users find the best vehicle based on their budget and preferences. It includes a machine learning recommendation system, a chatbot for finance and insurance guidance, a vehicle comparison tool, and a buying/selling platform.
- My Role: I developed the ML-based vehicle recommendation system, which analyses user preferences to suggest suitable vehicles.

**Technologies used:** Flask, MySQL, React

**The Last Chance - Zombie Survival Game**

2025

- A first-person shooter (FPS) survival game built with Unreal Engine 5. Features include AI-driven enemies, dynamic environments, interactive mechanics, and a lift system.

**[YouTube](#)** 

Technologies used: Blueprint (Unreal Engine 5)

## Ticket Management System

- Developed a real-time ticketing system that manages ticket releases and purchases efficiently. Used multi-threading to handle multiple users simultaneously and implemented synchronization techniques to ensure data integrity.

Technologies used: Spring Boot, Angular, MySQL

2024

## SKILLS

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### Technical Skills

- Object Oriented Programming
- Game Development
- Con-current Programming
- Full Stack Development
- Machine Learning

### Programming Languages and Frameworks

- Java, Python, JavaScript, Spring Boot, React, HTML, CSS, Angular, SciKit-learn, Blueprint (Unreal Engine)

### Databases

- MySQL, PostgreSql

### Developer Tools

- Git, VS Code, WebStorm, IntelliJ, Eclipse

### Soft Skills

- Problem Solving, Multitasking, Time Management, Adaptability, Team Work

## CERTIFICATIONS

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Java Object-Oriented Programming on LinkedIn Learning

December 2024

Angular Essential Training on LinkedIn Learning

December 2024

Learning Spring with Spring Boot on LinkedIn Learning

December 2024

TypeScript Essential Training on LinkedIn Learning

December 2024

WebSocket Communications with Node and Angular on LinkedIn Learning

December 2024

Introduction to C++ Programming and Unreal - Coursera Learner

August 2024

## REFEREES

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Rashen Iddamalgod

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Pristine Solution (Pvt)Ltd

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