

# MALEESHA DE SILVA

160 /15, Methsiri Mawatha, Pittugala, Malabe, Sri Lanka,  
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## Objective

I am a dedicated, hardworking, open-minded individual seeking a career path in the Data Science stream. Being a fast learner with excellent team working and problem-solving skills, I am ready to contribute to the success of your reputed organization.

## Educational Qualifications

### ➤ Undergraduate Studies

BSc (Hons) in Information Technology Specializing in Data Science, at Sri Lanka Institute of Information Technology (SLIIT).

**Cumulative Credits :68**

**Cumulative Grade Points :190.1**

**Cumulative GPA : 3.70**

<b>Year 1 Semester 1</b> <b>Semester GPA 3.65</b>	
Introduction to Programming	A-
Introduction to Computer Systems	A
Mathematics for Computing	B
Communication Skills	A

<b>Year 1 Semester 2</b> <b>Semester GPA 3.86</b>	
Object Oriented Concepts	B+
Software Process Modeling	A-
English for Academic Purposes	A
Information Systems & Data Modeling	A+
Internet & Web Technologies	A

<b>Year 2 Semester 1</b> <b>Semester GPA 3.68</b>	
Software Engineering	A-
Object Oriented Programming	B
Database Management Systems	A
Computer Networks	A-
Operating Systems and System Administration	A

<b>Year 2 Semester 2</b> <b>Semester GPA 3.62</b>	
Probability and Statistics	A+
Data Structures and Algorithms	A
Mobile Application Development	A-
Professional Skills	A
Employability Skills Development	A-
Information Technology Project	B-

## ➤ Secondary Education - Musaeus College, Colombo 07

### GCE A/L- August 2019 - (English Medium)

English	A
Chemistry	C
Physics	C
Biology	C

## ➤ Primary Education - Musaeus College, Colombo 07

### GCE O/L- December 2016 - (English Medium)

Mathematics	A	History	A
English Language	A	Buddhism	A
ICT	A	Sinhala Language and Literature	A
Science	A	Appr. of English Lit. Text	B
Business & Acct. Studies	A		

## Achievements

- Recognized in Dean's List and awarded scholarships for academic performance in Year 1 semester 2.

## Projects

- **Online Boat Safari Management System (Year 1 semester 2)**

Technologies used – Html, CSS, Javascript, PHP

Database - phpMyAdmin

- **Online Property Management System (Year 2 semester 1)**

Technologies used – Java Servlets

Database – MySQL Workbench

- **Hospital Management System (Year 2 semester 2)**

The Hospital Management System was developed using MERN stack. The system includes all the functions required by the hospital staff to manage the tasks within a hospital and is comprised of patient management subsystem, hospital staff salary management subsystem, channeling management subsystem, hospital finances management subsystem, a subsystem to manage stock levels of pharmacy items and a separate subsystem to manage covid-19 patients.

This project was done as a fulfillment of the Information Technology Project module in Semester 2 of Year 2.

- **Mobile App for an Advanced Level Tuition Institute (Year 2 semester 2)**

This mobile application is a Java based Android application developed using Android Studio for students and tuition teachers. Students using this application can view their marks, monitor their performance, place an order for past paper booklets and interact with teachers by posting questions. Teachers using this application can manage student marks, publish notices and receive questions sent by students.

This project was done as a fulfillment of the Mobile Application Development module in Semester 2 of Year 2.

- **Data Warehousing and Business Intelligence Project for a Bicycle Rental System (Year 3 semester 1)**

This project was done using MS SQL Server Management Studio(SSMS), SQL Server Integration Services(SSIS), SQL Server Analysis Services(SSAS) and SQL Server Reporting Services(SSRS). The project tasks include creating a data warehouse using a selected dataset, creating an OLAP Cube using the data warehouse and creating various reports to gain insights about the business. The dataset selected for this project was a dataset from a Bicycle Rental System.

This project was done as a fulfillment of the Data Warehousing and Business Intelligence module in Semester 1 of Year 3.

## Skills and Competencies

➤ IT and Programming skills:

- Java
- C++
- C
- Python
- Html
- JavaScript
- Php
- MERN stack
- SQL
- PL/SQL
- Android app development
- Cisco Routing and Switching
- Proficient in Microsoft Office suite

➤ Soft skills:

- Excellent English reading, writing, communication and presentation skills
- Problem solving and analytical skills
- Leadership and teamwork skills
- Excellent time management skills
- Self-motivated
- Ability to work under pressure
- Adaptability and flexibility

## Extra-Curricular Activities

- Musaeus College Senior Science Society – Committee member
- Wendy Whatmore Academy – Speech & Drama Distinction Grade 1- 4
- IWMS – Music -Distinctions - Practical & Theory Grade 1-4
- Musaeus College inter house athletics competitions

## Personal Data

- Date of Birth : 2000.04.08
- Gender : Female
- Civil Status : Single
- Nationality : Sri Lankan
- NIC Number : 200059902376

## Non-Related Referees

### **1. Dr. Mrs. Muditha Tissera**

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Department of Software Engineering,  
Faculty of Computing and Technology,  
University of Kelaniya.

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### **2. Mr. Asanga Ranasinghe**

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