



# SUDEERA MADUSHAN

## SOFTWARE ENGINEER

### CONTACT

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### EDUCATION

#### BACHELOR OF SCIENCE HONOURS IN COMPUTING

- University of Gloucestershire (UK) (Pending)

Scheduled to be finished on 2025

2021 - Present

#### BSC(HONS.) IN COMPUTER SCIENCE

- Institute of Software Engineering

2020 - Completed

#### G.C.E. ADVANCED LEVEL IN TECHNOLOGY

- Ehetuwewa Bandaranayake National School

### KEY SKILLS

- Requirement Gathering
- Logical Thinking
- Troubleshooting
- Code Optimization
- Fast Learning

### LANGUAGES

- Java
- JavaScript
- TypeScript

### ABOUT ME

A passionate and dedicated software engineer with a strong foundation in various programming languages and technologies. I am committed to continuous learning and staying abreast of the latest industry trends, ensuring that my solutions are not only robust but also aligned with best practices. I have cultivated a diverse skill set encapsulating a broad spectrum of technologies. A commitment to continuous improvement underscores my approach to software engineering.

I strive to stay abreast of emerging technologies and industry best practices, ensuring that my solutions align with the ever-evolving landscape of software development

### WORK EXPERIENCE

#### Software Engineer at Freelancer

REMOTE | JULY 2022 - 2023

- As a Software Developer during my freelance tenure from 2022 to 2023, I focused on creating stand-alone applications and solving Java-related challenges. My responsibilities encompassed developing custom applications and addressing Java programming problems to provide efficient and effective solutions. This experience allowed me to enhance my problem-solving skills and further refine my Java programming expertise

### PROJECTS

#### Travel Planning System

Crafted a Travel Planning System in my second semester. Front end ensures an intuitive interface, while the back end features interconnected microservices for scalability. Implemented robust security measures, marking the success of my final project.

- Front-End: HTML, CSS, Bootstrap, jQuery, JavaScript
- Back-End: Spring Web MVC, Spring Data, Spring Validation, WebClient
- Security: Spring Security, Auth0, JWT tokens

<https://github.com/sudeera-madushan/Travel-Planning-System.git>

## FRONT-END

- React
- React Native
- HTML
- CSS
- React
- jQuery
- Bootstrap
- SCSS
- Tailwind

## BACK-END

- Spring Framework
  - Spring Boot
  - Spring Core
  - Spring Web MVC
  - Spring Data JPA
- Java EE
- Hibernate
- Servlets
- Node.js

## DATABASES

- MySQL
- MongoDB

## BUILD TOOLS

- Maven
- Gradle

## TOOLS AND VERSION CONTROL

- Git
- GitHub

## OTHER TECHNOLOGIES

- JavaFX
- JasperReports
- Tomcat

## OPERATING SYSTEM

- Windows
- Linux

## IDES

- NetBeans
- IntelliJ
- Visual Studio

### Web Portfolio

Crafted and implemented my portfolio in a visually appealing and interactive manner. The showcase highlights my skills and projects, offering visitors a comprehensive overview of my capabilities as a software engineer.

- Front-End: HTML, CSS, JavaScript

<https://github.com/sudeera-madushan/MyProfile.git>

### Hostel Management System

Developed a robust Hostel Management System with an intuitive user interface. The back end implements a layered architecture for scalability, streamlining hostel operations for efficient management. JavaFX integration ensures a user-friendly experience, and the underlying architecture guarantees a solid foundation for future enhancements.

- Front-End: JavaFX
- Back-End: Java, MySQL, Hibernate

<https://github.com/sudeera-madushan/Hostel-Management-System.git>

### Vehicle Service Center

During my first semester, I developed a comprehensive Vehicle Service Center system efficiently overseeing vehicle wash, parts sales, garage services, employee management, and inventory control. This marked my introduction to practical application, optimizing operations in the dynamic context of a vehicle service center.

- Front-End: JavaFX
- Back-End: Java, MySQL
- Architecture: MVC
- Programming Paradigm: Object-Oriented Programming (OOP)

<https://github.com/sudeera-madushan/AutoCare.git>

### Bank Statement Management System

Developed a comprehensive Bank Statement Management System for a freelance project, efficiently handling statements, accounts, companies, and categories. Leveraged JavaFX for an intuitive user interface and Hibernate for robust database management, ensuring seamless navigation. Java 8 enhanced overall functionality, showcasing expertise in delivering tailored solutions for efficient bank statement and financial data management in freelance development projects.

- Front-End: JavaFX, JasperReports
- Back-End: Hibernate, MySQL
- Language: Java 8

## REFERENCE

### Pethum Lakshan

Software Engineer at Lassana Group

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### G.A.T.P Sooriyabandara

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