



# SAMEERA MADUSHAN

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Portfolio : [Sameera Madushan](#)


## SUMMARY

I am a passionate and driven software engineering student with a keen interest in exploring the depths of technology and innovation. As a proactive learner and team player, I am committed to contributing to the advancement of technology while striving for excellence in every endeavor.

## EDUCATION

<b>Undergraduate University of Bolton</b>	<b>2023 - PRESENT</b>
<b>Advanced Mobile and Web Development</b>	<b>2024</b>
Academy of Computer Programming & Training - ACPT	
<b>Diploma in English</b>	<b>2023 - 2024</b>
ESOFT Metro Campus (Pearson)	
<b>G.C.E Advanced Level</b>	<b>2019 - 2021</b>
Physical Science Stream	
C.maths - C Chemistry - C Physics - C English - B	
<b>G.C.E Ordinary Level</b> 9 A Passes	<b>2013 - 2018</b>

## WORKING EXPERIENCE

<b>Full-Stack Developer (Freelance)   OS Solutions</b>	 <b>2024</b>
Designed, developed, and deployed web and Wordpress websites using modern technologies like MERN stack (MongoDB, Express, React, Node.js, Aws)	

## SKILLS

### LANGUAGES

- Java, JavaScript, Html
- python, TypeScript

### DATABASE

- Mysql, SupaBase, MongoDB

### VERSION CONTROLS

- Git, Github, GitLab

### CLOUD PLATFORMS

- Firebase, AWS

### FRAMEWORKS & LIBRARIES

- Springboot, React js,
- NextJs, NestJs , ExpressJs

### ORM TOOLS

- Hibernate

### OPERATING SYSTEM

- Mac, Windows, Linux

### MOBILE APP DEVELOPMENT

- ReactNative

## REFERENCES

### Udara San

Senior lecture at IJSE  
Head of Tech Development MBSDigitech  
BSc (hons) CS in SE

udara@ijse.lk  
078 840 9788

### H.S.Sachini Perera

Programme Coordinator  
Assistant Lecturer in English  
Cooperate Coordinator in DiBE  
Esoft Metro College  
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076 589 5837

## PROJECTS

### MediCare Mobile App

- MediCare is a mobile app for doctor appointments. Users can find doctors, check availability, and schedule appointments easily
- Tech Stack: MongoDB, Express.js, React Native , JWT, Redux

### MediCare

- MediCare is a MERN stack application for booking and managing doctor appointments. Users can find doctors, check availability, and schedule appointments easily
- Tech Stack: MongoDB, Express.js, React, Node.js (MERN), JWT, Redux

### Crop Monitoring System

- A Java-based backend application using Springboot and MySQL to help users to manage crops efficiently.
- TechStack : Java, Springboot, Mysql, Hibernate, Html, CSS, Ajax, JWT

### Chat Application

- A real-time chat system using Next.js for the frontend, WebSocket for live communication, NestJS as the backend, and TypeScript for type safety. It integrates with Supabase for database functionalities, providing a fast and responsive chat experience.
- TechStack : Nextjs, Websocket, Nestjs, TypeScript, SupaBase

### Note Collector

- A Java-based application using Springboot and MySQL to help users collect, organize, and manage notes efficiently.
- TechStack : Java, Springboot, Mysql, Hibernate

### Shop Billing System

- A billing system for retail environments managing product, inventory, sales, and customer information.
- TechStack : Html, Javascript, Java Spring, Mysql, Hibernate

### User-Authentication System

- An authentication platform employing HTML, JavaScript, Java, Spring Boot, and Firebase for secure user login, password management, and sessions.
- TechStack : Html, Javascript, Java, SpringBoot, FireBase

### Car Rental Website

- A responsive car rental website created with HTML, CSS, and JavaScript, providing information on available vehicles, booking options, and pricing.
- TechStack : Html, Css, Javascript

### Library Management System

- A desktop application to manage books, members, transactions, and reporting features efficiently.
- TechStack : JavaFx, Mysql, Hibernate ORM

### Animal Hospital Management System

- A desktop application to manage animals, appointments, medical records, and notifications efficiently.
- TechStack : JavaFx, Layered Architecture, Mysql, SMTP, Sarox webcam Library