



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

Graduate Diploma in Software Engineering

2023 - PRESENT

Institute of Software Engineering - IJSE

Advanced Mobile and Web Development

2024 - PRESENT

Academy of Computer Programming & Training - ACPT

Diploma in English

2023 - 2024

ESOFT Metro Campus (Pearson)

G.C.E Advanced Level

2019 - 2021

Physical Science Stream

C.maths - C Chemistry - C Physics - C English - B

G.C.E Ordinary Level

2013 - 2018

9 A Passes

SKILLS

LANGUAGES

- Java, JavaScript, Html
python, TypeScript

DATABASE

- Mysql, SupaBase

VERSION CONTROLS

- Git, Github, GitLab

CLOUD PLATFORMS

- Firebase

FRAMEWORKS & LIBRARIES

- Springboot, React js,
NextJs, NestJs

ORM TOOLS

- Hibernate

OPERATING SYSTEM

- Mac, Windows, Linux

PROJECTS

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 Spring and MySQL to help users collect, organize, and manage notes efficiently.
- TechStack : Java, Spring, Mysql

POS System

- A Point of Sale system for retail environments managing product data, inventory, sales, and customer information.
- TechStack : Html, Javascript, JavaEE, Mysql

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

NIC-Detail Checker

- A React.js web application designed to verify National Identity Card (NIC) details through a user-friendly interface.
- TechStack : Reactjs

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

Weather App

- A JavaFX application that retrieves real-time weather data using the Open-Meteo API, offering users forecasts and current conditions
- TechStack : JavaFx, Weather API(Open-meteo)

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