WASUNDARA
SAMARANAYAKA
Intern Software Engineer

Kegalle,Sri Lanka
+94 711297645
wasundarasamaranayaka@gmail.com
wasundara-samaranayaka
github.com/SudariDev

SUMMARY

I'm a dedicated and optimistic SLIIT graduate with a strong foundation in software engineering. Motivated by challenges, I bring solid problem-solving skills, collaboration expertise, and a passion for innovation. As a versatile programmer and designer, I blend analytical thinking with creativity. Eager to apply my skills and contribute to real-world projects, I aspire to a position where I can fully unleash my programming potential and continue growing in the software engineering field.

EDUCATION

SLIIT(Sri Lanka Institute Of Information Technology)
B.Sc. Hons. in Information Technology - Specialized In Information Technology
2019 - 2023

Institute of Chartered Accountants of Sri Lanka
Student, Accounting and Business/Management
2019

Kegalu Balika Vidyalaya
G.C.E - Advanced Level Examination - 2017
GCE A/L (2A,1B)

SKILLS

- **Programming Langueges -** Java, JavaScript,TypeScript,C#
- **Back-end frameworks -**Express,ASP.NET Core, Springboot
- **Front-end framewoks -** React,Angular
- **Automation Testing Tools -** Selenium
- **Code Quality Tools:** SonarQube
- **Database -** Microsoft SQL Server, MySQL, Mongo Db
- **DevOps -** AWS, CI/CD
- **Dev Tools-** Visual Studio code, Eclipse, IntelliJ IDEA, Github, Gitlab
- **Architecture -** SOA,REST, Microservices

PUBLICATIONS

AyuAira: Intelligent Ayurvedic Medicine System for Arthritis
RESEARCH PROJECT - PUBLISHED ON IRJIET JOURNAL -2023

- Develop an intelligent Ayurvedic medicine system for the early detection and effective management of arthritis

EXPERIENCE

Ceylon Electricity Board | 2021 DEC - 2022 JUNE
Intern Software Engineer

- Developed an E-charging Systemfor electric vehicle users across Sri Lanka.
- Designed and developed dynamic and responsive websites using MEVN Stack
- Collaborated with cross-functional teams to architect REST API and deploy scalable backend solutions.
- Contributed to the development process with guidance from mentors as needed.
- Designed and verified proposed functionality implementations with senior engineers.
- Technologies: **MEVN stack**

PROJECTS

ToDo Application - Oct 2023

- Developing RESTful API endpoints for Todo CRUD operations and using Axios for versatile API request handling.
- Backend has been developed using ASP.NET and working with ReactJs and TypeScript for frontend.
- Integrating an SQLite database with Entity Framework to store and manage Todo data.
- Technologies :- **ASP.Net,React JS,Type Script,Sqlite**
- GitHubURL(Backend):-https://github.com/SudariDev/ToDoApp_BackendCore
- GitHubURL(Frontend):-https://github.com/SudariDev/todo-frontend-React_TypeScript

Student Management System - Oct 2023

- Implemented CRUD operations using C sharp,ASP.NET Core for backend development
- Designed and built the application's architecture following the Model-View-Controller (MVC) pattern.
- Designed and implemented RESTful API
- Employed Microsoft SQL Server for database management
- Tested the software thoroughly to identify and resolve bugs.
- Conducted debugging sessions to ensure smooth functionality.
- Technologies :-**C#,ASP.Net Core,JQuery and Bootstrap,MySql**

INTERESTS

- Software Development
- Web/App Development
- DevOps
- Agile Methodologies
- Continuous Learning

CERTIFICATIONS

- Udemy,Complete React Js Course Basic to Advanced.
- Google Developers,JavaScript backend with node js.
- Google Developers,Basic Web Development with HTML,CSS,JS.
- CertiPro,Scrum Foundation Professional Certificate.

SKILLS & ABILITIES

- Problem-Solving
- Critical Thinking
- Analytical Skills
- Teamwork
- Self-Motivated
- Communication

VOLUNTEERING

- Volunteer - Mozilla Campus Club of SLIIT
- Development Team Member - SLIIT Women In FOSS Community

LANGUAGES

- **English** - Professional proficiency
- **Sinhala** - Native or Bilingual Proficiency

REFERENCES

R R De Silva Bulathge (Electrical Engineer)
Office CE (LCM), CEB,No.18,Lamagaraya
Road,Kandy
Contact No: 0711318364

Mr.Ravi Supunya Swarnakantha (Lecturer)
Sri Lanka Institute Of Information
Technology,Matara
Contact No: 0703049454

Car Rental System with Node.js Authentication using JWT - January 2024

- This Car Rental System incorporates secure user authentication through JSON Web Tokens (JWT)
- User-friendly routes and controllers for user authentication, including signup and login.
- Robust password hashing techniques to safeguard user credentials,
- Implementation of cookies for efficient user session management.
- Technologies :- Nodejs,Express js
- GitHubURL:https://github.com/SudariDev/CarRental_System-with-Node.js-Authentication-using-JWT

Institute Management System - July 2022

- Developed most of the REST API using NodeJS.
- Used for version controlling, managing, testing, and checking the code quality of the project(GitHub, Azure Boards, Selenium, and SonarQube
- Build reusable and modular code and libraries for future application development.
- Technologies :- **MEVN Stack**
- GitHubURL:https://github.com/SudariDev/Institute_Mangement-_system-ITPM-

Electro Grid System - Sep 2021

- Identified possible web service to be implemented as micro-services.
- Developed most of the RESTful web-service.
- Dessigned the architecture for the EG's system.
- Technologies :- **Java-Jax-Rs(Jersey) on Tomcat,Spring Boot**
- GitHub URL : https://github.com/SudariDev/Electro-Grid

Hotel Management System - Feb 2021

- Developed a web-based application as a project for the ITP project module
- Technologies :-**Spring Boot, Thymeleaf, Microsoft SQL Server**
- GitHubURL:https://github.com/SudariDev/HOTEL_MANAGEMENT_SYSTEM

Online Shopping Mobile App - Aug 2020

- Developed a Mobile Application that was implemented to complete UI design utilizing Android Studio. Implemented user authentication using SQLite
- Technologies :- **Android, Sqlite database**
- GitHub URL : https://github.com/SudariDev/MAD_Quick_Butzz

Online Shopping Web App - May 2020

- Developed an online shopping web Application. Utilized the Model-View-Controller (MVC) architecture.
- Develop innovative and user-friendly features for enhanced user experiences.
- Technologies : **HTML,CSS,Bootstrap,JSP/Servelet,MySQL**