ASHAN FERNANDO

FULL STACK DEVELOPER

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Portfolio - https://react-portfolio-ashan.vercel.app/
GitHub - https://github.com/ashan0901
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Hackerrank - https://www.hackerrank.com/profile/ashanchanuka1211

PROFILE

I'm a Computer Science undergraduate who likes to experience new things in life and to try out upcoming technologies. I am currently seeking a new professional opportunity to broaden my experience and knowledge base.

EDUCATION

Bachelor of Science Honors in Computer Science   **2021 - Present**
University of Kelaniya SriLanka

Diploma in Infomation Technology   **2022**
University of Colombo SriLanka

Diploma in Infomation and Communication Technology   **2020**
BCI Campus Negombo, Srilanka

GCE Advance Level - Physical Science Stream   **2019**
Loyola College Negombo

ACADEMIC & PERSONAL PROJECTS

Safe Route Pro   **Jan 2024 - Apr 2024**
Developed an application that predicts appropriate driving speeds based on weather and road conditions, incorporating live weather updates and location tracking.
Technologies : Flask (Python) , React , Machine Learning

MoneyMate - Personal Expense Tracker   **Dec 2023 - Apr 2024**
A fully functional expense tracking website with features like add expenses, show past expenses and income visually, and user authentication.
Technologies : Java (Spring boot) , ReactJS , MongoDB , EmailJS , ChartJS , NodeJS

Food Ordering System - POS   **July 2023 - Dec 2023**
An application for managing Food orders and Management, with features such as order creation, order completed, and order status and management of Admin and user authentication.
Technologies : C#(.NET Framework) , SQL Server management ,Visual Studio

Studio-K - Music Studio Website   **July 2023 - Dec 2023**
A Website for marketing and publishing music services to society, with features like booking studio and get services etc.
Technologies : HTML5 , CSS , JavaScript , PHP , XAMPP

Audio Tempo Extractor   **June 2024 - July 2024**
This is a desktop applications designed for music production, specifically used to extract tempo from audio files. This tool is essential in my music production workflow, allowing precise tempo extraction for creating music.
Technologies : Python , Tkinter, Librosa lib, Inno compiler

Sinhala Character Recognition   Feb 2024 - Mar 2024

currently engaged in training a CNN model to identify Sinhala characters, specifically focusing on 'ච' (cha) and 'න' (na). This project involves working with approximately 50 images per character to develop a robust recognition system.
Technologies : Python , CNN, Deep Learning , Google colab

Predictive Modeling of Sri Lankan Stock Market Trends   Feb 2024 - Mar 2024

I This is a stock price prediction model for the Sri Lankan market using LSTM . This project leverages LSTM, a type of RNN, to analyze historical stock data and forecast future price trends.
Technologies : Python , RNN,LSTM, Deep Learning , Google colab

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CERTIFICATIONS

Frontend Developer (REACT)   **2024**
ORACLE Database SQL Fundamentals   **2023**
HackerRank
Introduction to Data Science   **2024**
CISCO Network Academy
Python for Beginners   **2022**
Web Design for Beginners   **2022**
CODL University of Moratuwa Srilanka

ACHIEVEMENTS

ImaginCup 2024 - Qualified   **2024**
RealHack 5.0 (University of Kelaniya)- top 50   **2024**
DevQuest 2023 (SLIIT) - Participation   **2023**

TOOLS & TECHNOLOGIES

ReactJS Framework	HTML	Python	Machine Learning	Deep Learning
Spring Boot Framework	CSS	C#	Jupyter Notebook	NextJS
Java	JavaScript	MongoDB	MySQL	TypeScript
.NET Framework	Github	Visual Studio	Node.js	SQL Server Management
Git	VS Code	Postman	PHP	AWS

CLUBS & COMMUNITIES & SPORTS

Free & Open Source Software Community(FOSS) of University of Kelaniya
Member   **2024**
Leo Club University of Kelaniya
Project Sanhindha - PR and Marketing Coordinator   **2023**
Cricket
University of Kelaniya   **2021**
School Cricket - under 13 and 15   **2013-2016**
Chess
School Chess team - Under 15 and 17   **2015-2018**

REFERENCES

Dr. B.M.T. Kumarika
Senior Lecturer Grade II

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Faculty of Science, University of Kelaniya.
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