SANDUN DE SILVA

SOFTWARE ENGINEER

Profile

An enthusiastic and a dedicated software engineer with over 1 year of hands-on experience in software development. Currently seeking a new challenging role where I can apply my skills and contribute towards the improvement of the company. I consider myself a fast learner with a passion for acquiring new skills, Committed to continuous self-improvement and dedicated to driving the success of the team and organisation.

Education

BEng(Hons) Artificial Intelligence & Data science
First Class with Honours

Robert Gordon University, Scotland   Sep 2020 – 2024

Cambridge IGCSE Advance Level

Lyceum International School, Panadura   June - 2019

Cambridge IGCSE Ordinary Level

Lyceum International School, Panadura   June - 2017

Employment

10X TEK / Associate Software Engineer   Aug 2023 – Feb 2024

Developed and designed websites for a diverse range of businesses, including restaurants, medical facilities, roofing company, and towing service.

Created custom calculator tools tailored to the specific needs of roofing and towing service companies. Conducted quality assurance testing on a customer relationship management (CRM) system.

Technologies used - ReactJS, PHP, WordPress, CNN models

Contact

Github - https://github.com/sandunde
LinkedIn - https://www.linkedin.com/in/sandun-de-silva-6253861b8/
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Frameworks

ReactJS

React Native

Flask

TensorFlow

PyTorch

Scikit-Learn

Technical Skills

JavaScript

TypeScript

HTML

CSS

SCSS

WordPress

BootStrap

Node

Java

MongoDB

Firebase

Non- Technical Skills

Leadership

Communication skills

Decision- making abilities

Analytical skills

Team working

Project management

Presentation Skills

Limark Technologies / Internship   July 2022 – June 2023

Developed a mobile-native application for a leading door lock security company.

Spearheaded the creation of a website for a migration web application, ensuring seamless user experience and functionality.

Technologies Used - React Native, ReactJS, SpringBoot, MongoDB

Personal Projects

Find MyFilm

A platform that can identify movies from audio or text input and generates a genre ache from scene to scene giving users a better understanding of the movie. Explainable AI was used to give a better understanding of which words are mostly impact for the prediction.

Technologies used - ASR, Whisper, DistilBERT, Naive Bayes, Neural Networks, ReactJS and Flask

IPCSIV

An application that will allow customers to use the home vehicle as an emergency vehicle and priorities emergency vehicles and home emergency vehicle in an emergency situation.

Technologies used - CNN and ReactJS.

Dog's Emotion Detection

Application to detect dogs emotions using ViT and CNN model. Used a pretrained and from scratch Vit models and mobileNet

Rock, Paper, Scissors with VIT

Constructed the childhood rock, paper, scissors game where users can play with the computer. Users moves are detected from the webcam and passed to the model for prediction. Constructed using ViT, Flask and ReactJS

Smart Room Controlling system

Application to control the rooms fan, light and A/C using IOT devices and KNN

POSITIONS HELD

Rotaract Club of IIT - Vice President
Rotaract Club of IIT - IT Director
Haxmas - Project Chairperson
Parallex - Project Chairperson
House Athletic Captain
School Athletic Vice Captain
Effective Member in School Cricket team
Effective Member in School Basketball team

ACHIEVEMENTS

3 Times Athletic Champion
Best Track Athlete - 2019
Western Province 1500m Finalist
Inter School Athletic Championship - Winner

REFREES

Eranga De Silva

Manager - Analytics and Data Science - London Stock Exchange Group Colombo

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Ranul Randombage

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