






RUWAN SANKALPA



PERSONAL DETAILS

-  RUWAN SANKALPA
-  sankalpaisada@gmail.com
-  +94-723323799
-  Godavela, Veyangoda, Sri Lanka
-  July 14, 1998
-  [linkedin.com/in/isada-sankalpa-91447a288](https://www.linkedin.com/in/isada-sankalpa-91447a288)
-  github.com/IshadaRuwan

Languages

- English 
- Sinhala 

GENERAL SKILLS

- Software Development
- Web Development
- Object-Oriented Design
- Database Management
- Machine Learning
- Deep Learning

PROFILE

I am an undergraduate student pursuing a Bachelor's degree in Computer Science specializing in Data Science at the University of Kelaniya. I possess strong communication skills and the ability to work effectively in teams. Additionally, I am proficient in working independently with minimal supervision.

EDUCATION

BSc Honours in Computer Science 2020 - Present
Faculty of Computing and Technology, University of Kelaniya
Specializing in Data Science

G.C.E. Advanced Level Examination 2018
Physical Science Stream
Chemistry - B
Physics - B
Combined Mathematics - B
Z-score : 1.42

EXTRACURRICULAR ACTIVITIES

HEAD PREFECT Aug 2016 - Aug 2017
President's College Veyangoda

PROFESSIONAL EXERIENCE

Intern- Software Engineer
Island Mind Tech, Colombo, Sri Lanka

- Developed frontend interfaces using React.js to enhance user experience and facilitate dynamic content presentation
- Implemented backend solutions with Node.js and Express.js, designing and deploying RESTful APIs to efficiently handle data retrieval and manipulation.
- Utilized MySQL databases to store and manage structured data for applications, ensuring data integrity and performance..

PROJECTS

Application of Deep Learning Algorithms for Bipolar Disorder Symptom Prediction Aug 2021 - Aug 2022

- University second year group project.
- The main goal of this project was to create prediction models that can effectively predict the ongoing or future episodes that a patient might undergo. Additionally, the project aimed to identify the optimal algorithm for achieving this prediction task.
- The project utilized a range of libraries including Pandas, NumPy, scikit-learn, and TensorFlow.

COMPLY 361

- During the internship period
- As part of a team, I helped design and develop the Comply 361 app, focusing on the Digital Risk Management (DRM) module
- We used React for the frontend, Node.js and Express.js for the backend, and MySQL for database management, creating a dynamic and efficient DRM solution

PROGRAMMING LANGUAGES

Android

C#

Python

Java

JavaScript

LIBRARIES AND FRAMEWORKS

Django

Spring Boot

react

nodeJs

express.js

VERSION CONTROL

Git

GitHub

SOFT SKILLS

Communication

Leadership

Team work

Problem solving

ElectroHub

Sep 2021

- University second year group project.
- This represents an Inventory Management System meticulously designed for an electronic appliance store.
- The application operates independently and proficiently handles tasks related to product inventory, customer information, and billing processes.
- The project was built using Java, JDBC, MySQL technologies.

Android Alarm Application

Sep 2022

- University second year project.
- Users have the option to set alarms and personalize the app's background by selecting and applying their own uploaded photos.
- The project was built using Android, JAVA technologies.

Wine Classification Using KNN Classifier

Dec 2022

- The wine dataset contains the results of a chemical analysis of wines grown in a specific area of Italy.
- Utilized Pandas, NumPy, scikit-learn libraries.

eCommerce Website Frontend

2021

- Individual project
- The project was built using HTML, CSS, Js technologies.

References

Nuzhi Meyen

Principal Consultant in Island Mind Tech, Colombo
+94765581023, nmeyen@gmail.com

Dr. S. R. Liyanage

Senior Lecturer in Computer Science, University of Kelaniya
+94 716498614, sidath@kln.ac.lk