HASHARA VIDUSANKA

BSc. Hons Computer Engineering (UG)

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ABOUT ME

I am an undergraduate in Faculty of Engineering ,University of Ruhuna. I am also following a Computer Engineering Degree Program. I would love to apply my knowledge in computer engineering, and develop my skills within the industrial context. I am a keen learner who is always willing to learn something new and adapt myself in any new environment ,while gaining ample knowledge when working as a team .

PROJECTS

⊚ AI-Driven CAPTCHA Detection Model

Description: Convolutional Neural Networks (CNNs) were implemented using TensorFlow and Keras in Python to develop a robust system for accurately recognizing and decoding CAPTCHA images.
Repository Link: GitHub_Link

⊚ Potato Disease Classification Model

Description: Convolutional Neural Networks (CNNs) implemented with TensorFlow and Keras in Python to classify potion diseases, training the model on a dataset of leaf images. This approach harnesses deep learning to analyze and classify images, specifically targeting potion diseases based on visual leaf characteristics.
Repository Link: GitHub_Link

⊚ Smokers and Drinkers Predictor

Description: A machine learning model for predicting the likelihood of smoking and drinking behavior in individuals. (Python)
Repository Link: GitHub_Link
Research Paper IEEE_Predict_Smokers_and_Drinkers

⊚ E Commerce Platform for Ayurvedic Product

Description: Online platform for selling Ayurvedic products to customers. (React.js, Node.js, JavaScript , MongoDB)
Contribution: Front-End Developer
Website Link: Swargadhi Online Store

⊚ MenuMo Mobile App

Description: The app allows customers to scan QR codes at restaurant tables to view and order from the menu. (Flutter, Firebase, Dart)
Repository Link: GitHub_Link

⊚ Agriculture Consultant Website

Description: A website for agricultural consultants offering expertise and services to farmers and agricultural businesses.(React.js, Node.js, JavaScript , MongoDB)
Repository Link: GitHub_Link

⊚ Student Management System

Description: A simple GUI application designed to help manage student exam results and calculate GPA.(Python)
Repository Link: GitHub_Link

EDUCATION

⊚ **2021 - Present**   **University of Ruhuna, Faculty of Engineering**
BSc. Hons Engineering (UG) 6th semester completed.

⊚ **2016 - 2018**   **Dharmaraja College, Kandy**
GCE A/L Examination
Passed with 2As and 1C in Physical Science Stream.
Z-score: 1.4165

⊚ **2004 - 2015**   **Sarasavi Uyana College, Kandy**
GCE O/L Examination
Passed with 7As and 2C.

CERTIFICATES

- ⊚ **Course Name: Artificial Intelligence with Python**
  Platform: Great Learning Academy
  Certificate Link: Certificate

TECHNICAL SKILLS

- ⊚ **Languages:** C++, C#, Java, JavaScript, Python, Dart, SQL
- ⊚ **Frameworks:** WPF, React.Js, Node.Js, Flutter, Firebase, Spring Boot, PyTorch
- ⊚ **Technologies:** DBMS, AWS, Terraform, Docker
- ⊚ **Operating Systems:** Windows, Linux
- ⊚ **Version Control:** GitHub, Jira
- ⊚ **Concepts and Practices:** Design Patterns, Data Structures & Algorithms, DevOps
- ⊚ **UI/UX Design Tools:** Figma
- ⊚ **Adobe Software:** Adobe Photoshop, Adobe Premiere Pro, Adobe Audition

SKILLS

- ⊚ **Creativity**
- ⊚ **Teamwork and collaboration**
- ⊚ **Communication skills**
- ⊚ **Leadership**
- ⊚ **Problem solving**
- ⊚ **Time management**
- ⊚ **Public speaking**

EXTRA CURRICULAR ACTIVITIES

- ⊚ **Library coordinator of the Faculty library**
- ⊚ **District coordinator of the "Mehewara" seminar program.**

EXPERIENCE

- ⊚ **Engaged in video editing and social media marketing**
- ⊚ **Handled a computer solutions business**
- ⊚ **Handled a food catering business**
- ⊚ **Worked as a tutor**

LANGUAGES

- ⊚ **English (Professional Working Proficiency)**
- ⊚ **Sinhala (Native)**

REFEREES

Dr. Rajitha Udawalpola
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I hereby certify that the above information is true and accurate to the best of my knowledge and these data are correctly describe my qualifications, experiences, and other information about myself.