Tishani Navodya

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OBJECTIVE

A highly motivated and responsible individual seeking a software engineering opportunity. Dedicated to leveraging technical expertise and problem-solving skills within a dynamic team environment. Committed to staying current with industry trends and continually enhancing technical proficiency. Passionate about making meaningful contributions and achieving excellence in the field.

EDUCATION

- **B.A.(Hons) in Computer Studies | 2020 - Present**
  Department of Statistics and Computer Science - University Of Kelaniya
  Current GPA - 3.62

    (Emerging Technologies in Information Technology, OOP, Data structure and Algorithms, Web Programming, Advanced Database, OOAD, Software Project Management, Software Quality Assurance, Mobile App Development, HCI)

- **G.C.E Advance Level Examination | 2019**
  Rathnavali Balika Vidyalaya -Gampaha
  2A's 1C (Z-Score - 1.60)

- **G.C.E Ordinary Level Examination | 2016**
  Rathnavali Balika Vidyalaya -Gampaha
  8A's 1C

SKILLS

- **Technical Skills**
  Programming Languages (Python, C, JAVA, Kotlin) **Web Development** (CSS, HTML, JavaScript, PHP) **Database** (Firebase, SQL) **Tools & Platforms** (IntelliJ IDEA, Google Colab, VS code, Android Studio, Netbeans, Linux, AutoCAD, Figma, LateX, Cisco Packet Tracer)

- **Soft Skills**
  Problem-Solving, Adaptability, Team Collaboration, Decision Making, Time Management, Leadership

- **Languages**
  English, Sinhala, Japanese

PROJECTS

- **CNN Image Classification Model**

    Developed a Convolutional Neural Network (CNN) to classify and identify the Sinhala characters "ya" and "ta" from images, achieving high accuracy in distinguishing between these characters.

    Technologies - Python, TensorFlow, Keras   *Tool - Google Colab*

- **Ocean View Restaurant | Desktop Application**

    This Restaurant Management System efficiently manages food offerings, allowing addition, deletion, and viewing of items. It features robust user management with secure registration and login.

    Technologies - Java, MySQL   *Tool - Netbeans*

- **RNN stock price prediction**

    Developed a stock price prediction system using LSTM Recurrent Neural Networks for John Keells Holdings, utilizing historical stock price data from 01/03/2022 to 02/22/2024. Acquired and split the data into training and testing sets, constructed an LSTM-RNN model, and forecasted stock prices—evaluated model performance using Root Mean Squared Error (RMSE).

Technologies - Python, TensorFlow, Keras, Numpy, Pandas   ***Tool*** *- Google Colab*

- **English to Sinhala translation system**

   Developed a translation system using Transformer Neural Network to convert English text to Sinhala.

   Technologies - Python, TensorFlow, Keras   ***Tool*** *- Google Colab*

- **Ethical webcam monitoring tool**

   Developed a Python-based application for authorized webcam monitoring with user consent. The tool integrates with a Telegram bot for real-time photo capture and transmission.

   Technologies- Python   ***Tool*** *- Vs code, Telegram*

- **DishDiscover | Android Recipe App**

   DishDiscover is a mobile app with many recipes from different cuisines and an easy-to-use interface. Users can find and upload recipes, organize them into collections, and manage their profiles.

   Technologies - Kotlin , XML, Firebase   ***Tool*** *- Android Studio*

- **Perfect Lense Photography | WebApplication**

   This Photography Portfolio Website showcases a photographer's background, portfolio, and services, including an About page with expert details. It features seamless social media integration for photo sharing and a blog section for project updates and photography tips.

   Technologies - Hack, CSS, PHP, JavaScript

- **Prototype of mobile application**

   Utilizing HCI principles and Figma, designed an intuitive prototype for a fitness and wellness mobile app, including user sign-in, activity tracking, and personalized fitness plans.

   Technologies - Figma

CERTIFICATES

- Python Programming | 2024
  University of Moratuwa

- Python For Beginners | 2024
  University of Moratuwa

- Web Designing for Begginers | 2024
  University of Moratuwa

- Japanese-Language Proficiency Test (JLPT)
  N5 - 2019
  N4 - 2020
  N3 - 2021

EXTRA-CURRICULAR ACTIVITIES

- Director of Public Relation | Rotaract Club Of Gampaha
  2023/2024

- Commitee Member | Community of Digital Explorers (CODE)
  University of Kelaniya - 2022/2023

- Editor | Sinhala Literary Association
  Rathnavali Balika Vidyalaya - Gampaha 2018/2019

REFEREES

Dr. Sachintha Pitigala,
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