KUSAL WAIDYANAYAKE

UNDERGRADUATE B.ENG(HONS)
SOFTWARE ENGINEERING

CONTACT

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◎ 74/32, Deveni Rajasinghe Mawatha,
Second lane, Kandy

PROFILE

A passionate, motivated undergraduate student looking for an internship opportunity to learn and improve myself. I am a team player that is reliable and hardworking and willing to learn something new. I strive to take the experience and knowledge I collect everyday to work towards becoming a better version of myself.

EDUCATION

TECHNICAL SKILLS

- C#
- Java
- Javascript
- PHP
- Python
- SQL
- HTML
- CSS
- R
- React

SOFT SKILLS

- Communication Skills
- Leadership
- Time Management
- Fluent in English and Sinhala
- Attention to Details
- Aspirations for self improvement
- Open to criticism
- Team Player
- Hardworker

HOBBIES

- Music
- Creating wireframes for designs using figma
- Learning different cultures and languages
- Reading about Greek, Roman and Egyptian Mythology
- Video Editing
- Photography
- Basketball and Cricket
- Videogames

2021 - Present B.ENG (Hons) Software Engineering, University of Westminster, Informatics Institute of Technology.

- 1st Year Modules. All Successfully Completed (Average Mark of Modules : 75.83)
  - Mathematics For Computing
  - Software Development I (Python)
  - Computer System Fundamentals
  - Web Design and Development(HTML,CSS,JS)
  - Trends in Computer Science
  - Software Development II (Java)
- 2nd Year Modules. Currently being Completed.
  - Object Oriented Programming (Java)
  - Database Systems (SQL)
  - Software Development Group Project (Python, flask framework)
  - Server-Side Web Development (PHP, MySQL)
  - Machine Learning and Data Mining (R)
  - Algorithms (Java)

- 2015 -2020 Kingswood College Kandy
  - **GCE Advanced Level Examination (Completed) 2020**
  - **GCE Ordinary Level Examination (Completed) 2017**
- 2013 -2015 Bedford Free School Bedford ,UK (Studied Abroad)

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- 2018 - 2020 - Editor for English Club
- 2018 - 2020 - Editor for Aviation Club
- 2018 - 2020 - Member of ICT club
- 2017 - 2018 - Competed and got 2nd place in Creative Writing.
- 2015 - Maths Prize, Annual prize giving, Bedford Free School, UK
- 2014 - 2015 - School Prefect, Bedford Free School , UK
- 2014 - 2015 - Starting player for cricket team, Bedford Free School, UK
- 2012 - 2013 - Grade 4 in Theory Music and Grade 1 in Practical Music.

PROJECTS

- 2023 - Development of a Cafe/Inn website for Rainbow Cafe Ella.
  - Created a website for the Cafe and Inn with an admin panel where the admin user can edit items on the menu and well as reservations for the inn.
  - Also made most of the images and text used in the web site through the admin panel so the user can edit the webpage as they wish
  - Technologies used - MERN stack.
- 2023 - Development of a Timeline using a gnatt chart. - Individual Project
  - Created a real time gnatt capable of taking data and displaying it in a timeline and saving it into an excel file as well as being able to access data in an excel file and create a timeline using the data in the excel file
  - Technical Skills : Javascript, HTML, CSS
- 2023 - SDGP project. Oral Disecta. -Group Project
  - This was the project done for the SDGP module. This machine learning project was to help with the detection of dental caries and gum disease. I was mainly in charge of the UI/UX part as well as the Back-end part of the project contributed in creation of everything else too.
  - Designed and created the wireframes for the project in Figma.
  - Created the database and added a log in and register function that using MySQL.
  - The initial Back-end of the project was created using HTML,CSS,PHP but due to conflicts with the flask framework used for the machine learning model, the back-end was revised and created using the flask framework and python.
  - Technical Skills: HTML, PHP, CSS, JS, Python, MySQL, Research and Documentation.
- 2023 - Westminster Skin Care Management, Individual Project
  - A system to manage details about doctors and patients and also book consultations. A GUI was also created in this project with the ability to sort the data according to different columns.
  - Technical Skills : Java
- 2022 - Cruise Management - Individual Project
  - A console application to manage cabins and rooms in a cruise ship. User could add, delete, add to queue, save to file, load data from file etc. in this project.
  - Technical Skills : Java
- 2022 -Travel With Us - Group Project
  - This was the project done for the Web Design module. I was the team leader in charge of the project and we created a webpage that helped customers choose different packages for travel and also purchase different pieces of equipment that could be necessary on their travels.
  - Was responsible of creating an interactive quiz that would quiz users on the different countries that were available in the travel packages. The quiz was timed and after the end the user would get the score as well as be shown the correct and wrong answers. Quiz was created using HTML,CSS and JavaScript.
  - Technical Skills : HTML, CSS, JavaScript.
- 2022 - University Grading System - Individual Project.
  - A console application to grade student according to their mark and determine whether they have passed the year or not as well as rank the students using stars according to marks.
  - Technical Skills : Python.
- 2022 - PetMatch - Group Project
  - Designed an app that would let the owners of dogs and cats put their pet and details regarding the pet on the app and then find a dog that would match for breeding.
  - Technical Skills : Figma

REFERENCES

Indunil Gunawardana

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