SHAKYA WIJERATHNE

SOFTWARE ENGINEERING UNDERGRADUATE

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PROFESSIONAL SUMMARY

A passionate undergraduate software engineer with a penchant for utilizing technology to address real world problems. Possesses excellent collaboration skills and enjoys working in teams to achieve shared goals. With an appreciation for self-learning, actively seeks out internship opportunities to gain new knowledge and skills.

EDUCATION

BEng(Hons) Software Engineering   2022 Jan - Present

Informatics Institute of Technology (IIT) affiliated with University of Westminster UK.

Relevant Modules - Level 4 (Year 1)

Module	Marks(%)
Mathematics for Computing	100
Software Development I (Python)	99
Computer Systems Fundamentals	97
Software Development II (Java)	88
Web Design and Development	85
Trends in Computer Science	63

Relevant Modules - Level 5 (Year 2)

Module	Marks(%)
Object Oriented Programming	85
Database Systems	84
Software Development Group Project	TBA
Machine Learning & Data Mining	TBA
Data Structures & Algorithms	TBA
Server-side Web Develoment	TBA

G.C.E Advanced Level 2020 (Physical Science Stream)   2020 Oct

Ranabima Royal College, Kandy

Subject	Result
Combined Mathematics	C
Physics	C
Chemistry	C

SKILLS

Technical Skills

- Java
- Python
- MySQL
- PHP
- JavaScript
- HTML
- CSS
- GIT
- MS Office
- Adobe Photoshop

Soft Skills

- Effective Communication Skills
- Fast Learner
- Teamwork and Adaptability
- Time Management
- Preasure Handeling

PROJECTS

Medical Center Management System (Individual Project)   2023

Tools - Java, Java Swing

This project is a Skin Consultation Centre Management System done using Java OOP Concepts. This application enables efficient management of doctors, patients, and consultations through both console and GUI platforms.

'Mr. Cinephile' (Group Project)   2023

Tools - Python(Numpy, Pandas), HTML, CSS, JavaScript, TMDB API, Python Flask

Mr. Cinephile is a descriptive movie search engine. This helps people to find the titles of movies that they have forgotten. Users can enter a description of a movie as they remember it, and the application gives guesses based on their input using NLP algorithms.

'HOMTEQ' Commercial Website (Individual Project)   2023

Tools - PHP, MySQL, HTML, CSS

HOMTEQ is a commercial website designed with PHP, MySQL, and HTML that offers users the ability to register and log in, select products, add them to their carts, and complete the checkout process. Its functionalities include user authentication, product management and shopping cart functionality.

'Belencia' Sports Website (Group Project)   2022

Tools - HTML, CSS, JavaScript

A website for a sports company. The website includes multiple pages, such as a product catalog for purchasing sports equipment, a quiz section to test user knowledge, a sport personalities section to showcase athlete profiles, and a query page for customer support.

Fuel Queue Management System (Individual Project)   2022

Tools - Java, JavaFX

This console application was made to manage the queues at the filling stations more effectively. Also there's a JavaFX GUI for the operator to view the status of each queue.

Student Progression Calculator (Individual Project)   2022

Tools - Python

This application has two versions: Student version & Staff version. Students are allowed to enter their credits and then system display the appropriate progression outcome for that individual student. Staff members can analyse the progression of multiple students

REFERENCES

Ms. Nethmi Wijesinghe

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