Dulakshi Mitraratne

Data Science Undergraduate

ABOUT ME

I am a bold and self-consumed learner with a passion for Data Science and the Information technology industry. I am a third-year Data Science undergraduate at SLIIT. I am ambitious to work with professional identities in the field and achieve recognition and involvement.

SKILLS & PROFICIENCIES

- Sound knowledge in python Coding.
- Sound knowledge in SQL.
- Basics of Machine Learning.
- Necessary understanding of Statistics and Probability.
- Sound knowledge in server-side developments.
- Sound knowledge in HTML / CSS / JavaScript / bootstrap
- Good knowledge of MongoDB /SQL and Firebase databases
- Handful experience in Java / Python / C and C++
- Good knowledge of PHP
- Good knowledge of git and GitHub.
- Understand continues integration and delivery

SKILLS SUMMARY

- R Studio
- Python
- Mongo DB
- Java
- C++ Programming
- SQL
- Bootstrap
- My SQL
- Php
- Kotlin

- Web Development
- MERN Stack
- React JS
- Java Script
- Html/ CSS
- Adobe Photoshop
- Adobe Illustrator
- Wps Office
- Microsoft Office
- Android Studio

PROJECTS AND RESEARCHES

- **Online Higher Educational Institute Management System**

(SLIIT - Year 2 - Semester 2 - ITP Module 2021)

Developed an online application for managing a higher education institute's day-to-day activities using the MERN stack. This application is divided into eight main modules. Academic, nonacademic, students, payment, subjects, courses, and attendance. My primary focus is on the academic modules. But I have been actively involved in other modules as well.

Tech stack:
- React / MongoDB / Express / Node
- VS code / Postman / chrome dev tools / Github

My role:
- Identify react components.
- Developed react class components and functional components using react hooks API.
- Design component state.
- Write rest APIs, manage CRUD operations, and handle routing.
- Actively involved in designing MongoDB data models.

(https://github.com/dulakshi22/ITP-Project.git)

- **Food Express Online Food Ordering System**
(SLIIT - Year 2 - Semester 2 - MAD Module 2021)

Developed a mobile application for our Mobile application Development module. Named as Food Express where customers can order online foods using Java as the language and Firebase as the Database.

Teck stack:
- Android V10
- Firebase
- Android Studio

My role:
- Design user login function
- Design user signup function
- Design registration gateway

(https://github.com/dulakshi22/Mad-project---The-Android-Force.git)

- **Online Examination Management System**
(SLIIT - Year 2 - Semester 1 -OOP Module 2021)

Developed an online examination management system following MVC architecture. This system allows users to manage the online exams on the menu and attend to required exams.

Tech stack:
- Java / java servlets / HTML / CSS / my SQL

My role:
- Identify the requirements and write java classes for the Student management.
- Design APIs and manage CRUD operations for Students' Exam handling.
- Design and create the whole database structure using MySQL for the system.

- **Online Teacher Training System**
(SLIIT Year 1 - Semester 2 - IWT module 2020)

Developed a teacher training web application using c++ and used MySQL as the database. This system allows users to log in or they can sign up to the system and choose their preferred courses and training programs for trainers with customized schedules.

Tech stack:
- PHP / HTML / CSS
- my sql / my php admin

My role:
- Design wireframes for payment handling function.
- Design database for the whole system.
- using pure PHP to develop web pages.

EDUCATION

- Musaeus College
- Successfully got through the GCE Ordinary levels in 2016.
- Successfully got through the GCE Advanced levels in 2019 in the field of Science.

Data Science Degree Program

- Year: 2020 - 2023
- Degree: BSc (Hons) in Information Technology - Data Science
- Currently Studying in the 3rd year with a cumulative GPA of 2.94

COURSES

- Successfully completed "Introduction to SQL" in Datacamp
- Successfully completed "SQL" in Sololearn.
- Successfully completed "Python for beginners" in Sololearn.
- Successfully completed "R" in Sololearn.
- Successfully completed "Java" in Sololearn.
- Successfully completed "Introduction to Azure Cosmos DB" in Microsoft Student Ambassadors.

EXTRACURRICULAR ACTIVITIES

- Member of the Media Unit in Musaeus College Colombo 7.
- Western Provincial Arts Festival - District Tournament - Kandiyan Dancing Winnings (2015)
- Western Provincial Arts Festival - Provincial Tournament - Kandiyan Dancing Winnings (2015)

REFREES

Mr. Dhananjaya Ponnamperuma
CTO | Technology Strategist | Program and
Portfolio Manager | Customer-centric |
Operations Lead
Hutch, Sri Lanka
MOB: (+94) 78 777 8777
Email: dhanajayawp@gmail.com

Mr. Asoka Mitraratne
Quality Manager
Janet Ayurvedics (Pvt) Ltd.
MOB: (+94) 77 299 1754

CONTACT ME

+94 71 900 9638

6/2, Dhamminagaha watta,
Moranda, Kesbewa.

madhuhansanidulakshi@gmail.com

https://github.com/dulakshi22

www.linkedin.com/in/dulakshim
itraratne

CONCLUSION

I hereby certify that the above-mentioned
particulars are true
accurate to the best of my knowledge

D.M.Mitraratne
12/03/2022