



Diniru Sandipa

Software Engineer undergraduate

ABOUT ME

Talented, self-motivated, results-driven, and well-organized individual seeking new encounters with experts to advance in my career. I am competent at handling numerous tasks concurrently and am perpetually energized and willing to think out of the box to provide novel answers. I like facing challenges while maintaining a genuine interest in Information Technology.

SKILLS & PROFICIENCIES

- Sound knowledge in react application development.
- Sound knowledge in MongoDB development.
- Sound knowledge in express 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
- Very good understanding of agile development and especially SCRUM framework
- Good knowledge of git and GitHub.
- Understand continues integration and delivery

SKILLS SUMMARY

- | | |
|-------------------|---------------------|
| • Web Development | • Bootstrap |
| • MERN Stack | • My SQL |
| • React JS | • Php |
| • Java Script | • Graphic Designing |
| • Html/ CSS | • Kotlin |

- | | |
|-------------------|---------------------|
| • Mongo DB | • Adobe Photoshop |
| • Android Studio | • Adobe Illustrator |
| • Java | • Wps Office |
| • C++ Programming | • Microsoft Office |
| • Python | • Firebase |
| • SQL | |

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 API's, manage CRUD operations, and handle routing.
- Actively involved in designing MongoDB data models.

(<https://github.com/DiniruX/ITP-Project>)

Continued for next page...

- **Eco Market Online Grocery**
(SLIIT - Year 2 - Semester 2 - MAD Module 2021)

Developed a mobile application for android devices that allows users to browse grocery items and order them. This app includes a category menu, item menu, login function, signup function, user profile, and a basic payment gateway

Tech stack:

- Android V10
- Firebase
- android studio

My role:

- Design user login function
- Design user signup function
- Design payment gateway

(<https://github.com/DiniruX/MAD-Project>)

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

Developed an online pharmacy management system following MVC architecture. This system allows users to check available medicine on the menu and order required prescriptions.

Tech stack:

- Java / java servlets / HTML / CSS / my SQL

My role:

- Identify the requirements and write java classes for the payment handling part.
- Design APIs and manage CRUD operations for payment handling.
- Design and create the whole database structure using MySQL for the system.

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

Developed a fitness 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 packages of exercises and 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

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

Software Engineering Degree Program

- Year: 2020 - 2023
- Degree: BSc (Hons) in Information Technology - Software Engineering
- Currently Studying in the 3rd year with a cumulative GPA of 3.32

COURSES

- Information Technology(DiTec) Course in Esoft Metro Campus, Colpetty, 2017
- "Young learners" English course in British Council, 2015
- Successfully completed "Introduction to Python" in Datacamp
- Successfully completed "Introduction to SQL" in Datacamp

EXTRACURRICULAR ACTIVITIES

- A senior member of Thurstan college Science society(2016-2019)
- Played for the school soccer team. participated in inter-school tournaments, government tournaments
- Member of Thurstan college swimming club(2012-2017)

REFREES

Dr. K. P. N. Jayasena

Senior Lecturer II

Department of Computing and Information
Systems

Faculty of Applied Sciences

Sabaragamuwa University of Sri Lanka

MOB: (+94) 70 554 4656

Email: pubudu@appsc.sab.ac.lk

profile: <https://www.sab.ac.lk/staff-directory/109>

Mr. Prabath Kudagamage

Vice President Software Operations


IFS R&D Limited

MOB: (+94) 77 779 4106

Email: prabath.kudagamage@ifs.com

CONTACT ME

 +94 70 152 6718

 No 140, Dewala Road,
Katudbedda, Moratuwa

 dinirusandipa00@gmail.com

 <https://github.com/DiniruX>

 www.linkedin.com/in/dinirusandipa00

CONCLUSION

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

Balage D. S.

10/11/2021