AYODYA THATHSARANI

SOFTWARE ENGINEERING | UNDERGRADUATE

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SUMMARY

I am a passionate and dedicated Software Engineering student, eager to apply my technical skills and knowledge to real-world projects. I am particularly interested in full stack development, where I strive to develop innovative solutions and enhance user experiences through efficient and intuitive design.

EDUCATION

Software Engineering (Undergraduate)

National Institute of Business Management(2022-Present)

PROJECTS

Blood Bank Management System | (Individual)   **May 2024**

Revolutionizing blood donation operations, this web-based system, developed as an academic project, optimizes donor registration, inventory management, and communication between donors and blood banks. With a focus on efficiency and reliability, it ensures seamless and effective blood donation processes, ultimately saving lives by improving blood resource management.
(Java, MySQL Database, NetBeans IDE)

Smart Child Health Development Card System | (Group)   **Sep 2023**

This groundbreaking application, developed as my first-year final project, tracks health details of pregnant mothers and children, offering real-time updates to healthcare providers and parents. I developed the front end and updated the mother and child sections, integrating RFID technology for proactive management.
(Java, MongoDB, NetBeans IDE, RFID Card Reader)

Android Blood Donation Application | (Group)   **May 2024**

Designed an app to simplify the blood donation process with intuitive design and streamlined functionality. For this 2nd-year academic project, I developed the front end, specifically setting up login and signup to ensure a seamless user experience.
(Flutter, Dart)

DS04 Web Application | (Individual)   **July 2024**

This application transforms the process of generating DS04 certificates in Sri Lanka by enhancing data management and streamlining certificate generation. It ensures accuracy and efficiency, significantly reducing the time and effort required for certificate issuance.
(Java, MongoDB, NetBeans IDE)

Weather Wise Application | (Individual)   **June 2024**

This innovative weather application provides users with up-to-date temperature and weather conditions for any city globally. Its sleek design and real-time data fetching capabilities make it a reliable source for weather information, helping users plan their activities accordingly.
(HTML, JavaScript, API, PHP)

Task Management Tool | (Individual)   **July 2024**

A task management tool for adding, marking, and deleting tasks. Features a review label and smiley emoji for tracking completion, enhancing productivity by managing daily tasks efficiently.
(HTML, JavaScript, PHP)

Social Sphere Application | (Individual)   **Present**

Currently under development, this full-stack social media application aims to revolutionize user interaction through seamless communication and engaging features. By integrating the latest technologies, it promises to provide a dynamic and immersive social networking experience.
(MERN Stack)

College Portal Website | (Individual)   **June 2024**

Developed a user friendly website featuring detailed program information and extensive academic resources.
(HTML, PHP, CSS)

TECHNICAL SKILS

- Full Stack Web Development (MERN stack)
- Web Development (HTML , CSS , JavaScript , Node JS , React , PHP)
- Mobile Development (Flutter)
- Database Management (MYSQL , MongoDB ,SQL , Firebase)
- Operating System (Windows , Linux)
- IDE (Visual Studio Code , Visual Studio , Intellij IDEA , Apache NetBeans IDE , Eclipse IDE)
- GIT , GIT Hub Version Control
- Programming Language (C , C++(OOP) , C# , Java(OOP))
- Other Skills (Postman , , Cisco Packet Tracer , Spring Framework)

CERTIFICATION

- Web Design(Great Learning)
- UI/UX (Great Learning)

SOFT SKILLS

- Leadership skills & Good team worker
- Time Management & Good listener
- Member of Zero Plastic
- School Prefect Board

REFERENCE

Mrs. Nadishani N. Gunasekara
Diploma Course Director
Consultant/Lecturer (IT)
National Institute of Business
Management
Tel: 041-2237545 Ext. 207

Mrs.Chami Muthugamage
Higher Diploma Course Director
Consultant/Lecturer -IT
National Institute of Business
Management,
Matara