

Sadeepa Ruwanpura

Software Engineering Undergraduate



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Portfolio

LANGUAGES

- English
- Sinhala

PROFICIENCY SKILLS

- JavaScript
- MongoDB
- React JS
- Node JS
- MySQL
- HTML
- CSS
- Postman
- Git / GitHub
- PHP
- Java
- React Native
- Figma / Sketch
- Bootstrap

About Me

I am M.W.H.S.L Ruwanpura (ID No – 200018701922) who is an ambitious and dedicated person pursuing a degree in BSc (Hons) in Information Technology Specializing in Software Engineering at SLIIT. With a passion for technology and a curiosity for innovation, I strive to excel in this ever-evolving field. With a strong commitment to continuous learning, I am eager to contribute to the IT industry's advancements and make a positive impact through creative problem-solving and cutting-edge solutions.

Education

● Sri Lanka Institute of Information Technology (SLIIT) – [2021 - Present]

BSc (Hons) in Information Technology Specializing in Software Engineering– 3rd Year 1st Semester.

CGPA-2.84(Up to second year second semester)

● G.C.E A/L – [2019]

President's College Embilipitiya– Bio Stream.

- G.C.E. A/L – 2019 [3 simple passes – Biology, physics, chemistry]

● G.C.E O/L – [2016]

President's College Embilipitiya

- G.C.E. O/L - 2016 [A -7(main subjects included)/C-2]

Experience/Projects

● The Shop E-Commerce System

Within the system, I designed and made a lively online shop using special tools like MERN stack, TypeScript, React (Vite), and Cloudinary for pictures. I organized how users, products, orders, reviews, shopping carts, payments, and help services work together. I also added good ways to create reports and send emails, making shopping easier for everyone.

(React JS, Node JS, Express JS, TypeScript, Mongo DB, Git, Figma, Bootstrap, Tailwind CSS)

● EduCode Educational Programming Environment 3rd year Software Project Management (SPM) Project

Within the system, my responsibilities included developing a unique Online Code Editor with Voice Recognition, elevating code editing capabilities, and enabling real-time voice command transcription through the 'Voice Recognition System.' Additionally, I implemented user authentication with JWT token for enhanced security and seamless access control, further enhancing the overall coding experience with a distinctive feature.

(React JS, Node JS, Express JS, Mongo DB, Git, Figma, Bootstrap, Tailwind CSS)

- C / C++
- Python
- Kotlin

SOFT SKILLS

- Leadership
- Teamwork
- Quick learner
- Confidence
- Time management
- Event management
- Critical Thinking
- High attention to details

INTERESTS AND HOBBIES

- Photography
- Learn new Technologies
- Watching Movies

➤ Check out my Portfolio...!



DevLink Mobile Application

3rd year User Experience Engineering (UEE) Project

In the system, I contributed to develop an efficient Appointment Scheduling function, enhancing the user and administrator experience for streamlined appointment management and communication.

(React native, Node JS, TypeScript, Mongo DB, Git, Figma, Bootstrap)

Hospital Management System

2nd year Information Technology Project

Within the system, my primary role involved robust Appointment Management, encompassing appointment creation, editing, deletion, report generation, search capabilities, charge calculation, automated confirmation emails, and dynamic chart generation.

(React JS, Node JS, Express JS, Mongo DB, Git, Figma, Bootstrap)

Finance Management Application

2nd year Mobile Application Development Project

In the system, there were four functions, and my responsibility was 'Job and Job Tips Management,' which I developed with full CRUD operations using Kotlin. I was tasked with resolving errors and enhancing the system's performance.

(Kotlin, SQLite, Android Studio, Figma, Git, XML)

Online Game Searching and Playing Site

2nd year OOP Project

Four functions were also, developed with full CRUD operation.

(Java, JSP, JavaScript)

Online Examination System

1st year Internet and Web Technology Project

There were four functions in the system and my function was "Online Exam Management". Online Exam function was developed with full CRUD operations and file uploading part.

(HTML, CSS, JavaScript, PHP, MySQL)

Volunteering

- FCSC SLIIT member (2021 present).
- School Prefect Board (2015-2017)

Referees

- Available on Request