

CHARITH MIHIRANGA SIRIWARDANA

UNDERGRADUATE SOFTWARE ENGINEER



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PROFILE SUMMARY

I am a passionate and motivated Software Engineering student at the Institute of Java Software Engineering (IJSE), with a strong interest in exploring modern technologies and innovative solutions. Through my studies, I have gained a solid understanding of software development concepts and practical experience with tools and frameworks commonly used in the industry. I am eager to apply my knowledge in a professional environment, enhance my skills through real-world projects, and contribute positively as an intern while continuing to grow as a software engineer.

EDUCATION

SN/ National Collage	
• GCE O/L (General Certificate of Education – Ordinary Level)	2014 -2019
• GCE A/L (General Certificate of Education – Advanced Level)	2020 - 2022
Sri Lanka Institute Of Information Technology(SLIIT)	
• CPITA Programme	2019 - 2020
Sri Lanka Institute Of Information Technology(IJSE)	
• Graduate Diploma in Software Engineering (GDSE)	2023 - 2025

PROFESSIONAL SKILL

Languages	Database	Cloud Platform	Operating Systems
• Java,JavaScript,TypeScript	• MySQL,MongoDB	• Firebase	• Linux, Windows, MAC
Version Control	Frameworks & Libraries		
• Git,GitHub	• Springboot, Express, React.Js, React Native, Next.js, Tailwind CSS		

PROJECTS

UTax web Application

As part of my team project U-Tax, developed for the Circle Edge competition, we built a tax management solution using the MERN stack (MongoDB, Express.js, React, Node.js). The system was designed to help Sri Lankan taxpayers easily calculate and manage their taxes through a user-friendly interface and secure backend. This collaborative project showcased our ability to apply modern technologies in solving real-world problems, and our team was awarded Second Place in the competition.

Library Management System

I developed a Library Management System using the MERN stack (MongoDB, Express.js, React, and Node.js) to efficiently manage books, readers, and borrowing records. The system allows librarians to add, update, and delete books, while users can browse available books, borrow them, and track their return status. Key features include real-time book availability updates, user authentication, and an intuitive interface for both administrators and readers. By leveraging React for the frontend and Node.js with Express.js for the backend, connected to MongoDB for data storage, the system provides a seamless, responsive, and scalable solution for modern library operations.

Online Bus Seat Reservation Web Application

I developed an Online Bus Seat Reservation Web Application using Spring Boot for the backend and MySQL as the database. The system enables passengers to search for buses, reserve seats, and generate e-tickets instantly after booking. It also includes a reminder feature that notifies passengers about their upcoming trips. With a secure and scalable backend, user-friendly design, and automated ticketing process, this project provides a convenient solution for modernizing bus seat reservations.

Wine Store Management System

I created a Wine Store Management System using Java (JavaFX) for the frontend and MySQL as the database. The system allows store owners to manage inventory, track sales, handle customer details, and generate reports efficiently. With its intuitive interface and reliable backend, the application streamlines daily operations and improves overall store management.

REFFERANCES

Prasad Waduge

CEO/Institute of software Enginner