

RUSIRU DE SILVA

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184 Kanampitiya Road, Galle

SOFTWARE ENGINEERING UNDERGRADUATE

A self-motivated web developer and UI/UX designer with a passion for crafting engaging digital experiences. Skilled in solving complex design challenges, particularly in interactive media and user-focused applications. A team player, fast learner, and committed to continuous learning. Dedicated to creating intuitive and functional interfaces that leave a lasting impact while enhancing expertise in web development and design.

EDUCATION

BSc (Hons) Information Technology Specialized in Software Engineering (June 2022 - Present)
Faculty of Computing, Sri Lanka Institute of Information Technology (SLIIT)

G.C.E. (Advanced Level) Examination in Physical Science Stream (2006 - Feb 2022)
Mahinda College, Galle, Sri Lanka

PROJECTS

SpringBing - Sales Optimization Solution for Fashion Retail (Aug 2024 - Oct 2024)

- **Features:** Product catalog, Manage products, New arrivals, Search and filter options, Report generation, Manage feedback, Rating system, Reports on user feedback, Manage orders, Trending items analysis, Demand prediction.
- **Technologies:** NodeJS, ExpressJS, MongoDB, ReactJS, Typescript, Tailwind CSS
- **GitHubLink:** Backend - [@github/IT22927316/spring-bing_](https://github.com/IT22927316/spring-bing_)
Frontend - [@github/IT22927316/spring-bing-frontend](https://github.com/IT22927316/spring-bing-frontend)

MediLink – Smart Healthcare System for Urban Hospitals (Aug 2024 - Oct 2024)

- **Features:** Manage hospitals and doctors, Assign doctors to the hospitals, Email service, Make doctor appointments, Manage hospital staff, Create v-card, Add patients to the clinics, Handle appointments, Display and manage patient information.
- **Technologies:** Spring Boot, MongoDB, ReactJS, Typescript, Tailwind CSS
- **GitHubLink:** Backend - [@github/IT22927316/medilink-backend](https://github.com/IT22927316/medilink-backend)
Frontend - [@github/IT22927316/medilink-frontend](https://github.com/IT22927316/medilink-frontend)

Pregnancy Path – Mobile application for pregnant women (Aug 2024 - Oct 2024)

- **Features:** Personalized journal entries, Highlight special moments, Memory lane visualization, Vaccination guide, Vaccination Schedule, Vaccination Reminders, Vaccination records, Clinic guide, Clinic date schedule, Daily habit tracker.
- **Technologies:** Node.js, Express.js, MongoDB, React Native, Expo, Typescript, Native-Wind, Tailwind
- **GitHubLink:** Backend - [@github/IT22927316/pregnancy-path-backend](https://github.com/IT22927316/pregnancy-path-backend)
Frontend - [@github/IT22927316/pregnancy-path-frontend](https://github.com/IT22927316/pregnancy-path-frontend)

UrbanHarvestHub – Urban Agriculture Management System (Feb 2024 - May 2024)

- **Features:** Centralized knowledge sharing, real-time weather insights, green job & training support, automated resource management, and seamless payment & delivery integration.
- **Technologies:** MongoDB, Express.js, React.js, Node.js (MERN stack)
- **GitHubLink:** [@github/IT22927316/UrbanHarvestHub](https://github.com/IT22927316/UrbanHarvestHub)

TaskSprint - Task Management Mobile App

(May 2024)

- **Features:** Add tasks with title, description, deadline, and priority, full CRUD operations, task search, sorting by priority or deadline, and an in-built calendar.
- **Technologies:** Kotlin, SQL, Android Studio
- **GitHubLink:** [@github/IT22927316/TaskSprint](https://github.com/IT22927316/TaskSprint)

City Rush 2D - 2D Car Racing Mobile Game

(May 2024)

- **Features:** Dynamic gameplay, Intuitive touch controls, Score tracking, Resetting Scores, Replayability.
- **Technologies:** Kotlin, Android Studio
- **GitHubLink:** [@github/IT22927316/CityRush2D](https://github.com/IT22927316/CityRush2D)

Hotel Avenga - Hotelreservation system for special events

(Mar 2023 - Jun 2023)

- **Features:** Manage users, Display event venues, Make reservations, Payments, Manage feedback.
- **Technologies:** PHP, MySQL, HTML, CSS
- **GitHubLink:** [@github/IT22927316/HotelAvenga](https://github.com/IT22927316/HotelAvenga)

CERTIFICATIONS

University of Moratuwa

- Web Design for Beginners - Credential ID: IL3ZcAP1wS - [Certificate Link](#)
- Front-End Web Development - Credential ID: 2NshZpfpDZ - [Certificate Link](#)
- Agile Project Management in ICT Projects - Credential ID: gssWbDBxOQ - [Certificate Link](#)

Simplilearn

- Full-Stack Development 101: What is Full-Stack Development? - [Certificate Link](#)
- Android App Development for Beginners - [Certificate Link](#)
- What is Software Development? - [Certificate Link](#)
- Introduction to MERN Stack - [Certificate Link](#)

Accenture

- DIGITAL SKILLS: USER EXPERIENCE - [Certificate Link](#)
- DIGITAL SKILLS: ARTIFICIAL INTELLIGENCE - [Certificate Link](#)

Semrush

- SEO Principles: An Essential Guide for Beginners - [Certificate Link](#)

TECHNICAL EXPOSURE

Programming Languages – Java (Learning), JavaScript, TypeScript, Python (Learning), C, C++, PHP

Backend Development - NodeJS, ExpressJS, Spring Boot

Frontend Development – ReactJS, HTML5, Bootstrap, Tailwind CSS, CSS3

Mobile App Development – React Native, Expo Go, Kotlin, Android

Databases – MySQL, MongoDB

Version Control – Git (using GitHub for repositories)

IDEs – WebStorm, Visual Studio, IntelliJ, Eclipse, Android Studio

Design and Productivity Tools – Figma, Draw.io, Trello, Postman

SKILLS

- Leadership
- Team-work
- Communication
- Resilience
- Time management
- Problem-solving

LANGUAGES

- **English** - Full Working Proficiency
- **Sinhala** - Native Proficiency