



IMANKA SILVA

BICT UNDERGRADUATE

M imankasilvatharusha@gmail.com

+ 190/A walpola,ragama.

G <https://github.com/imanka-dev>

☎ +94 725107553

☎ +94 725107553

in www.linkedin.com/in/tharusha-imanka-silva-0b416733a

PROFILE

I am a dedicated Bachelor's degree candidate in Information and Communication Technology at Rajarata University of Sri Lanka, with a strong passion for Full-Stack Development. I continuously build my knowledge and skills through coursework, personal projects, and self-learning. I am currently seeking an internship to gain hands-on experience, collaborate with professionals, and further develop my technical and problem-solving skills. I'm excited to contribute, learn, and grow as a Full-Stack Developer while staying updated with industry trends and best practices..

EDUCATION

- Sri Dharmaloka College kelaniya GCE O/L & A/L 2006-2019
- Rajarata university of Sri Lanka
- Bachelor of Information & Communication Technology PRESENT
- UOC School of Computing (BIT)(Reading)

PROJECTS

- Development of Dait plan & workout plan APP
Developed a user-friendly Android app integrating BMI calculation, personalized diet, and workout plans to help users manage weight effectively. The app combines multiple health features into one platform, improving usability and device performance. Built using Java in Android Studio, the project followed agile methodology and involved collaboration with healthcare professionals for content accuracy.
- Development of online bus tiket booking system
Designed and developed a web-based application that enables users to search for buses, view real-time seat availability, and book specific seats. The system features a dynamic seat map, booking form, and secure backend for managing schedules and bookings. Implemented using HTML/CSS, JavaScript, and MySQL with database integration to track seat status and user reservations.
- Development of Calculator App
Developed a fully functional Calculator using JavaScript, HTML, and CSS.
 - Basic Operations: Supports addition, subtraction, multiplication, and division.
 - User-Friendly Interface: Designed a clean layout for seamless user interaction.
 - Responsive Design: Ensured compatibility and optimal performance.

RESEARCH

Enhancing Educational Certificate Authentication through Blockchain: A Framework for Secure Validation

Developed a secure and transparent framework for validating academic certificates using blockchain technology. The system leverages Ethereum smart contracts to automate verification, ensuring tamper-proof, real-time access to credentials. The solution enhances trust, reduces forgery, and improves efficiency over traditional methods. Implemented using tools such as Truffle Suite, Ganache, MetaMask, and languages including JavaScript and Python.

OTHER QUALIFICATION

- University of colombo school of computing (BIT) (Reading)

SOFT SKILLS

- Project Management
- Teamwork
- Time Management
- Leadership
- Critical Thinking

EXTRA CURRICULAR ACTIVITIES

- Member of university wrestling team (2022-2024)

TECHNICAL SKILLS

- HTML 5
- CSS
- JavaScript
- Python
- PHP
- Express.js
- Node.js
- React.js
- MySql
- MongoDB

ACHEIVEMENTS

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| Under 61kg champion - Inter faculty Sport meet | 2023 |
| | 2024 |

REFERENCE

Ms.Nadeesha Thilakarathne Lecturer Of Department Department Of ICT Faculty Of Technology Rajarata University Of Sri Lanka Mobile: +94719545073 Email: ngthilak@tec.rjt.ac.lk	Ms.Malki Jayawardhana Lecturer Of Department Department Of ICT Faculty Of Technology Rajarata University Of Sri Lanka Mobile: +94712709389 Email: msjayawa@tec.rjt.ac.lk
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