



# MADORA WEERASINGHE

## IT UNDERGRADUATE

### CONTACT

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### SKILLS

- Project Management
- Problem-Solving
- Analytical Thinking
- Time Management
- Leadership
- Effective Communication

### CERTIFICATES

#### CERTIFICATE IN SOFTWARE QUALITY ASSURANCE TESTING

- FSD Academy 2024

#### CERTIFICATE IN ENGLISH

- British Council Sri Lanka 2022

#### CERTIFICATE IN ENGLISH

- Aquinas Collage of Higher Education 2022

### PROFILE

I am an enthusiastic undergraduate university student with a passion for technology, programming, and crafting intuitive user experiences. As a creative IT undergraduate, I specialize in software engineering, mobile application development, and UI/UX. I have completed a Certificate Course in Software Quality Assurance Testing, enhancing my skills in delivering reliable software. I am proficient in designing user-friendly Android and hybrid applications, especially easy to use and comprehend user interfaces. Ready to leverage technical skills in teamwork to create meaningful software products.

### EDUCATION

- BACHELOR OF INFORMATION TECHNOLOGY** 2022 - PRESENT  
Sri Lanka Institute of Information Technology (SLIIT)
  - SGPA: 3.16
- GCE Advanced Level (Biology stream)** 2018 - 2022  
Holy Family Convent - Marawila

### PROJECTS

- Bus Schedule and ticket booking System - Team Project**  
August 2023 - October 2023
  - Developed a Bus Schedule and Ticket Booking System with a responsive interface and real-time schedule updates using HTML, CSS, JavaScript, PHP, and MySQL.
  - Implemented secure booking functionality allowing users to select routes, view availability, and complete payments, with automated booking confirmations.
  - Built an admin dashboard for managing bus schedules and monitoring bookings, enhancing operational efficiency and user experience.
- Student Help Desk - Team Project**  
February 2024 - April 2024
  - Created a web-based help desk system for students to submit and track inquiries, and interact with support staff.
  - Designed the user interface with HTML and CSS for a clean and intuitive experience.
  - Developed interactive features and client-side logic using JavaScript.

# LANGUAGES

- English
- Sinhala

- Implemented a MySQL database to manage user data, inquiries, and responses efficiently.
- Github link** : <https://github.com/it22054722/Online-Help-Desk.git>

- Vehicle Service and Repair Management System- Team Project**  
February 2024 - April 2024

- Developed a vehicle service and repair management system using the MERN stack to improve the efficiency of automotive repair shops.
- Utilized MongoDB for database management, Express.js and Node.js for server-side logic, and React for building a dynamic, user-friendly frontend.
- Implemented features such as service record management, appointment scheduling, and repair tracking, facilitating better service management and customer interaction.
- Github link** : <https://github.com/it22054722/vehicle-service-system.git>

- Movie Explorer Website - Individual Project**  
October 2024 - November 2024

- Developed a movie recommendation website using React and Vite, integrated with the TMDb API for detailed movie data.
- Implemented features like personalized recommendations, ratings, a watchlist, and genre filtering to enhance user engagement.
- Focused on creating a responsive and visually appealing UI for seamless browsing across devices.
- Github link** : <https://github.com/it22054722/Movie-Explorer.git>

# TECHNICAL SKILLS

## Languages

- Java
- JavaScript
- C
- C++
- HTML / CSS
- TypeScript

## Framework/Tools

- Playwright
- React
- Node.js
- Express
- Android Studio
- Postman

## Database Management

- MySQL
- SQL Work Bench
- MongoDB

## Design Tools

- Figma

## Version Control

- Git
- Github

# REFERENCE

**Mrs Geethanjali Wimalarathne**  
Senior Lecturer / Department of IT  
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**Mr Nelum Amarasena**  
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