# DULMINI WANIGASEKARA
## Computer Science Undergraduate

## ABOUT ME

Motivated Computer Science undergraduate with hands-on experience in Java, React.js, MySQL, and full-stack development. Strong project leadership and teamwork abilities, complemented by national-level sports experience and a creative problem-solving mindset. Passionate about building user-friendly, responsive web applications. Eager to contribute to innovative software engineering teams with adaptability, strong communication, and a commitment to continuous learning.

## CONTACT

- 📞 +94 769121952
- 📍 Colombo, Sri Lanka
- ✉ Dulminihw@gmail.com
- ⌗ DulminiWanigasekara
- 🌐 DulminiWanigasekara
- 🔗 DulminiWanigasekara

## EDUCATION

**INFORMATICS INSTITUTE OF TECHNOLOGY**

BSc. in Computer Science
**2024 - present**

Foundation Certificate in Higher Education
**2023-2024**

**ST. THOMAS GIRLS 'HIGH SCHOOL MATARA**

**2016 - 2023**

## TECH EXPOSURE

- Rect.js
- java
- Python
- Next.js
- JavaScript
- HTML/CSS
- Tailwind CSS
- node.js
- .Net
- MySQL

## Projects

### Story Sound HUB

Full-stack web application combining property listings with second-hand book marketplace. Features property search with filtering and user authentication, integrated book marketplace with AI chatbot assistance, reviews and purchasing functionality, plus responsive cross-device design.

**Tech Stack :** React.js, MySQL, Laravel, API Integration

### ZoomToSpace

Interactive astronomical web application delivering comprehensive space exploration content through multiple tabs showcasing planets, ISS details, astronaut profiles and solar system data. Built with React components utilizing state management and conditional rendering for smooth navigation and engaging visual animations.

**Tech Stack:** React.js, CSS Animations, Component Architecture

### Scientific Research Data Management System

Comprehensive data management platform for scientific research with object-oriented architecture. Features advanced serialization techniques, intuitive GUI interface, scalable data handling solutions and robust validation protocols.

**Tech Stack :** Python, GUI Framework, Object-Oriented Programming

### Climatrix

Responsive weather application delivering real-time forecasts with Open Weather Map API integration. Features hourly and 7-day weather predictions displaying temperature, humidity, wind speed and sunrise/sunset data through clean, mobile-first UI design.

**Tech Stack :** Next.js, TypeScript, Tailwind CSS, OpenWeatherMap API

### Real Estate Listings Platform

Property search and filtering web platform with dynamic listings and favorites management. Features interactive UI with property type, price, bedroom, date and location filters, Google Maps integration, floor plan views and enhanced security protocols.

**Tech Stack :** React.js, Local Storage, Google Maps API, CSS Media Queries

### Java Student Management System

Academic administration application managing student records and information processing. Implements object-oriented programming principles for efficient data handling and administrative operations.

**Tech Stack :** JavaScript, HTML5, CSS3, Game Development

### Study Focus & Productivity System

Web-based productivity suite combining study tools with relaxation components. Integrates Pomodoro timer functionality, interactive Tic Tac Toe game with 2-player and AI opponent modes, plus cross-device compatibility.

**Tech Stack :** Java, Object-Oriented Programming, Database Integration

# EXTRA CURRICULAR ACTIVITIES

### Represented the Sri Lankan junior karate team

- 1st Runner-up Award 13-14 Female Kumite +40kg 8th International Karate-Do Open Championship 2018 (Malaysia)
- National Black Belt player - 2018

### University and school

- Rugby player (Wing)
- Football player (CAM)
- Athletic - 100m Hurdles / 400m Hurdles and relay team
- Netball player (WA)

### St. Thomas Girls' High School - Matara

- Junior /Senior Prefect - 2020/2021
- Member of dancing, drama team & Eastern Band in school