

DULMINI WANIGASEKARA

Computer Science Undergraduate

ABOUT ME

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

CONTACT

- +94 769121952
- Colombo, Sri Lanka
- Dulminihw@gmail.com
- [DulminiWanigasekara](#)
- [DulminiWanigasekara](#)
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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

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

SOFT SKILLS

- Communication
- Team Work
- Creativity
- Leadership skills
- Communication

REFERENCE

Mrs. P. R. H. Sachithra Vinodani Thilakarathne

Assistant Lecturer, IIT School of
Computing
10 Trelawney Pl, Colombo 00400
0712091683

Miss. Dasuni Dewani Uyanahewa

Associate software engineer
Codimite (Pvt) Ltd
dewani.uyanahewa@codimite.com

● **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