

# THARUSHA DENUWAN

Software Engineering Undergraduate

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

📍 Ambalangoda, Sri Lanka

## TECH SKILLS

### PROGRAMMING LANGUAGES

Python, Java, JavaScript, React, SpringBoot, Node js, Next.js, Next.js API

### LIBRARIES AND TECHNOLOGIES

Bootstrap, REST APIs, Spring Boot, React, Better auth, Tailwind CSS, Drizzle ORM, Zod, Hono, ShadCN/UI, Scalar API Reference

### TOOLS

VS Code, IntelliJ Idea, PyCharm, Visual Studio, Android Studio

### OTHER

SQL, Firebase, Git, Figma, postgresql, AWS

## EDUCATION

### B.SC. HONS IN SOFTWARE ENGINEERING (UNDERGRADUATE)

FACULTY OF COMPUTING  
UNIVERSITY OF WESTMINSTER  
(2024 PRESENT)

### FOUNDATION CERTIFICATE IN HIGHER EDUCATION

Informatics Institute of technology  
Distinction Pass  
(MARCH 2022 - DEC 2022)

## SOFT SKILLS

SELF LEARNING

WORKING AS A TEAM

ADAPTABILITY

WORK ETHIC

TIME MANAGEMENT

PROBLEM SOLVING

REMOTE COLLABORATION

CUSTOMER ORIENTATION

## WORK EXPERIENCE

### INTERN - FULL-STACK ENGINEER

DONEXT PVT.LTD

June 2025 - Present

- Developed and maintained full-stack applications using Next.js, Next.js api, and postgresql ensuring responsive design, optimized performance, and seamless integration between front-end and back-end systems.
- Developed CRUD operations for products and hotels with filtering, pagination, and search, using Drizzle ORM and Zod validation for data accuracy.
- Worked with AWS deployment, Git version control, and CI/CD pipelines, improving project delivery speed and reliability.

## PROJECTS

### • TICKET MART

Real Time Ticketing System | 2024

Developed a full-stack Ticket Management System using Node.js, React.js, and WebSockets/Socket.IO to enable real-time ticket processing and customer interactions. The system supports concurrent ticket submissions through Node.js multithreading and allows instant ticket purchases with live availability updates. Real-time communication enhances user experience, while thread-safe operations ensure data integrity and reliability under high concurrency.

(Node.js, React, WebSockets)

🔗 <https://github.com/TharushaDenuwan/Ticket-Management-System.git>

### • FLOWMAX

Maximum Flow Network Optimizer | 2024

I implemented a flow maximization algorithm on a directed graph to simulate traffic and data networks. This involved modeling edge capacities and ensuring flow conservation. Through this project, I gained practical experience in applying graph theory to real-world simulations, implementing algorithms in Java, and solving problems using data structures.

(Java, Graph Algorithms, Flow Networks)

🔗 <https://github.com/TharushaDenuwan/Flow-Max.git>

## INTERESTS

CODING

EXPLORING NEW TECHNOLOGIES

FULL-STACK WEB DEVELOPMENT

API DESIGN

READING TECH BLOGS

PRODUCT DEVELOPMENT

PLAYING BADMINTON

## ADDITIONAL ACTIVITIES

### MEMBER

LEO CLUB OF IIT  
(2024 - present)

### BADMINTON TEAM LEADER

KULARATHNA VIDYALAYA  
(2020 - 2022)

## REFERENCES

### Mr. Tharanga Bandara Dissanayake

Technical Support Specialist.  
Benevity (IFS Portfolio Companies)  
Tel: 0719554500 Email:  
dmtbdissanayake@gmail.com

### Mr. Thushan Shashipriya

Mechanical Engineer  
Tel: 0774882335  
Email:thushanshashipriya@gmail.com

### • MYUNIVRS (COMPANY PROJECT)

Full-stack Web App for Students and Universities | present

MyUnivrs is a unified student platform designed to enhance campus life. It offers exclusive university chat groups, a student marketplace, real-time event discovery, and housing solutions. The platform connects students in a safe and trusted environment, helping them settle in faster, socialize, trade goods securely, and never miss out on campus activities.

(Next.js, Next.js API, PostgreSQL)

 <https://github.com/malishaw/myunivrs-web-app.git>

### • BLOONSOO (COMPANY PROJECT)

Hotel Booking System | 2025

Bloonsoo is an online hotel booking platform. It allows users to search, filter, and book hotels, view room details, and manage reservations. The platform is built using Next.js for the front end, Next.js API for backend routes, and PostgreSQL for data management, providing a fast, secure, and user-friendly experience.

(Next.js, Next.js API, PostgreSQL)

 <https://github.com/malishaw/bloonsoo2.git>

### • KIDLINK (COMPANY PROJECT)

Web Application for Nursery | 2025

Kidlink is a web application designed for nurseries to efficiently manage students, classes, teachers, and parents. It allows tracking of attendance, class schedules, student progress, and lesson plans. The system also provides features for managing notifications, assignments, and parent-teacher communication, ensuring smooth daily operations.

(Next.js, Next.js API, PostgreSQL)

 <https://github.com/malishaw/kidlink-forked-2025.git>

## CERTIFICATIONS

### FOUNDATION CERTIFICATE IN HIGHER EDUCATION

[Informatics Institute of Technology \(IIT\)](#)

### CERTIFICATE IN JAVA LANGUAGE

[University of colombo](#)

### TYPESCRIPT ESSENTIAL TRAINING

[TypeScript Essential Training - LinkedIn Learning](#)

### LINUX UNHATCHED

[Cisco Networking Academy](#)

### LINUX ESSENTIALS

[Cisco Networking Academy](#)

### EXPRESS ESSENTIALS

[Express Essentials - LinkedIn Learning](#)