

# Danitha Dinuwan *Software Engineer Intern | FullStack Developer*

✉ danithahk@gmail.com ☎ 0762639000 📍 Matara, Sri Lanka 🌐 Danitha Dinuwan

🔗 DanithaHk 📁 Portfolio

## Profile

Currently enrolled at IJSE as an undergraduate in Computer Science, I have a keen interest in full stack development. I am a quick learner and problem-solver with expertise in React, Node.js, Spring Boot, Python, Java, and MySQL/MongoDB. I am excited to work as a software engineer intern and obtain experience in the industry. My objective is to continue developing as a professional developer while using my experience to create scalable applications.

## Technical Skills

### Programming Languages

Java, Python, JavaScript, TypeScript

### Backend

Node.js, Express.js, Spring, Spring Boot

### Databases

MySQL, MongoDB

### Other Skills

JWT Authentication, OOP, RESTful APIs, Responsive Web Design

### Frontend

React.js, HTML5, CSS, Tailwind CSS, Bootstrap, JavaFX

### Mobile Development

React Native

### Dev Tools

GitHub, Postman, Docker, Firebase, Maven

## Other Skills

- Quick Learner
- Time Management & Attention to Detail
- Problem-Solving
- Googling & Self-Learning / Research Skills
- Communication & Team Collaboration
- Work Under Pressure

## Education

2023 – 2025  
Galle

**GDSE - Graduate Diploma In Software Engineering, Institute of Software Engineering (IJSE)**

*Institute of Software Engineering (IJSE)* 📄

2023  
Matara

**Diploma In English**

*MES Campus*

2019 – 2021

**G.C.E Advanced Level Examination**

*Matara Central College*

## Projects

### **Pavithra Online Book Store**

*Full-stack web application with features for admins to manage books, users, and orders, and for customers to browse books, add to cart, checkout, and receive order confirmation emails. Leveraged MongoDB for data storage, JWT authentication for secure access, and NodeMailer for automated email notifications.*

Tech Stack: React, Express.js, MongoDB, JWT, NodeMailer

### **V/O Aesthetic Lounge**

*Developed a web application enabling clients to schedule treatments, view past records, track upcoming bookings, purchase wellness products, and receive automated email reminders. Integrated PayHere for online payments and direct branch communication. Designed an admin panel to manage users, products, services, bookings, and orders.*

Tech Stack: Bootstrap 5, HTML5, CSS, AJAX, Spring Boot, Spring MVC, Spring Data JPA, MySQL, PayHere, Jakarta Mail

### **RideEasy**

*React Native Car Rental Mobile Application – Built a customer-focused mobile app for browsing, booking, and managing long-term car rentals. Implemented features to view available cars with images, categories, and rental prices, access detailed car information, and submit booking requests directly from a mobile device. Integrated Firebase Authentication for secure sign-up/login and Firebase Realtime Database for managing car listings and booking records, ensuring a seamless and user-friendly experience.*

Tech Stack: React Native, Firebase Authentication, Firebase Realtime Database

### **Smart Parking Management System (SPMS)**

*Designed and implemented a microservice-based backend using Spring Boot to efficiently manage parking slots, vehicles, and users.*

Tech Stack: Spring Boot, Microservices Architecture, Spring Cloud Eureka, Docker

### **Ani Vila (Frontend Only)**

*Designed and developed a responsive hotel booking website using Bootstrap 5, HTML5, CSS t. Built modern UI components including a homepage with hero banners, room listing sections, service highlights. User experience for customers exploring hotel services and making reservations.*

Tech Stack: Bootstrap 5, HTML5, CSS

### **The Culinary Academy**

*Developed a standalone desktop application using Java with JavaFX for the GUI and Hibernate (JPA) for database persistence, following a layered architecture. Implemented key features including course management, student management, payment management, and course enrollment. Designed a relational database using MySQL, modeling courses, students, and transactions through ORM. Delivered a clean, maintainable codebase demonstrating strong understanding of desktop application development, JavaFX, ORM, and layered design principles.*

Tech Stack: Java, JavaFX, Hibernate (JPA), MySQL, MVC/Layered Architecture

## References

**Mr. Prasad Waduge**, CEO/Senior Lecturer IJSE, Institute of Software Engineering  
prasad@ijse.lk, 077 225 2985

**Geeganage Punsara Prathibha**, Software Engineer Wiley Global Technologies pvt LTD,  
Visiting Lecturer at Institute of Java and Software Engineering.  
punsaraprathibhagpp@gmail.com, 071 936 2595