Danutha Navodya Imbulpitiya

Undergraduate Student

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HR Hacker Rank ●● Medium 🔗 Portfolio

PROFILE

Second-year Software Engineering student at IIT with a passion for solving real-world problems and building scalable systems. Eager to contribute to impactful projects and grow as part of a collaborative team.

EDUCATION

BEng Software Engineering
the Informatics Institute of Technology (IIT), affiliated with the University of Westminster, UK

S. Thomas' College - Bandarawela
Physical Science Stream **2021**

SKILLS

- MERN Stack
- Mysql
- OOP
- Spring Boot
- NestJS
- Docker
- Firebase

PROGRAMMING LANGUAGES

Java

JavaScript

Python

Kotlin

PROJECTS

Post-Harvest Farmer Buyer Network System 🔗
Digital Platform for Connecting Farmers and Buyers
A full-stack Mobile application using
- **Flutter**
- **Django**
- **TensorFlow**

Real-Time Ticketing Simulation System 🔗
The Real-Time Ticketing Simulation System is an application that allows users to simulate a dynamic ticketing environment.
- **Backend**: Spring Boot
- **Frontend**: Angular
- **Database**: MySQL (for storing configurations)

Personal Expense Tracker (Backend) – NestJS 🔗
Developed a RESTful API using NestJS to manage personal expenses with a modular, service-based architecture. Features include adding/retrieving expenses, calculating totals, finding the highest expense, and managing custom categories. Used DTOs for validation and clean separation of concerns. Built with scalable structure and MySQL integration.
Tech Stack: NestJS, TypeScript, Node.js, REST API, MySQL, Postman

Student Management System 🔗

A Student Management System for registering students, managing records, storing/loading details, and generating reports.
Java

CERTIFICATES

Winner of CodeRally 5.0 🔗
Organized by IEEE Computer Society, Informatics Institute of Technology, Student Branch Chapter

Java (Basic) Certificate 🔗
It will cover basic topics in Java language such as classes, data structures, inheritance, exception handling

Problem Solving (Basic) Certificate 🔗
It covers basic topics of Data Structures (such as Arrays, Strings) and Algorithms (such as Sorting and Searching).

IEEEXtreme 18.0 Programming 🔗
A global competitive programming challenge organized by IEEE 🔗 .

Python (Basic) Certificate 🔗
Python (Basic)
It covers topics like Scalar Types, Operators and Control Flow, Strings, Collections and Iteration, Modularity, Objects and Types and Classes

EXTRA CURRICULAR ACTIVITIES

Sports
- Member of the college's U-17 Badminton team and went on to represent the school in all island competitions
- Member of the college U-13 Cricket Team

Clubs and Societies
- President of college's photography club
- Member of Scouting Organization

REFERENCES

Guhanathan Poravi, *Senior Lecturer Grade I,*
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