

# SAMADHI DISSANAYAKE

UNDERGRADUATE (LEVEL5)

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## ABOUT ME

Passionate and ambitious student of Software Engineering at the Informatics Institute of Technology (IIT), having a very strong base in programming, software development, and problem-solving. Proficient in Python, Java, and web technologies; hands-on with building software. Technical knowledge will be utilized in this challenging internship in order to go further in expertise in software engineering and machine learning.

## TECHNICAL SKILLS

### LANGUAGES

Python, Java, Dart

### WEB TECHNOLOGIES

HTML, CSS, JavaScript

### LIBRARIES & FRAMEWORKS

Tkinter, Flutter, Firebase

### TOOLS

Git, Python IDLE, VS Code, IntelliJ IDEA

## EXPERIENCE

### Power Backup System Integration (Foundation Level Project)

- Integrated a power backup system circuit plan for a hospital medicine freezer, ensuring temperature control during outages.

### Finance Tracker with GUI (Python)

- Developed a financial tracker application using Python and Tkinter, enabling users to monitor expenses, set budgets, and analyze financial data.

### Student Management System (Java)

- Built a student management system using Java, facilitating efficient handling of student records, grades, and schedules.

### Healthcare Website (HTML, CSS, JavaScript)

- Designed and developed a responsive healthcare website, providing an intuitive interface for accessing medical information.

## ACHIEVEMENTS

- 24-Hour Hackathon Participant (2024)
- Member of IEEE

## EDUCATION

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### UNIVERSITY OF WESTMINSTER

Undergraduate BEng(Hons) in Software Engineering

#### FULL FOUNDATION(IIT) - 2023

##### Semester 1

- Digital Skills For Higher Education
- Academic Skills in Higher Education
- Mathematics For Computing
- Introduction to Programming

##### Semester 2

- Digital Circuits and Logic Design
- Designing Innovative Solutions
- Working with Data
- Computer Programming

#### G.C.E ORDINARY LEVEL - 2018

9 passes

#### G.C.E ADVANCED LEVEL - 2021(2022)

Information & Communication Technology - C

## PERSONAL SKILLS

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- Communication
- Problem-solving
- Teamwork
- Time Management
- Adaptability
- Critical Thinking

## EVIDENCE FOR TEAMWORKING

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- Planed a learning platform with an academic group
- Planed a power backup system for hospitals with an academic group
- Built a healthcare website with an academic group

## REFERENCES

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- Mr.Ruzaik Seyed
- Lecturer Informatics Institute of Technology (IIT)
- Email ruzaik.s@iit.ac.lk

- Mr.Yasitha Perera
- Associate Business Analyst Arimac Lanka
- Tel no 0716485908
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## DECLARATION

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I hereby certify that the above-mentioned information is true and correct to the best of my knowledge.