



# MITHUNAN JEYAMOHAN

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## PROFILE SUMMARY

Second-year B.Sc. (Hons) Computer Science student specializing in full-stack development and software engineering. Proficient in React, Java, Spring Boot, Supabase, Python, Machine Learning, JavaScript and database management. Experienced in developing real-time ticketing systems, charity platforms, and AI-powered healthcare solutions. Currently studying Machine Learning, with a strong passion for transitioning into the ML field to build intelligent, data-driven applications.

## EDUCATION

Sep 2023 - Present

### BSc (Hons) Computer Science

Informatics Institute of Technology, affiliated with the University of Westminster  
First year Average : 79%

- **Software Development I - 89%**
- **Mathematics for Computing - 85%**
- **Web Design and Development - 75%**
- **Software Development Group Project - 84%**
- **Machine Learning and Data Mining** (Ongoing)
- **Algorithms** (Ongoing)
- **Computer Systems Fundamental - 87.5%**
- **Software Development II - 75%**
- **Trends in Computer Science - 62%**
- **Object Oriented Programming** (Awaiting Results)
- **Client-Server Architectures** (ongoing)
- **Database Systems** (Awaiting Results)

### Primary and Secondary Education

Jan 2013- Jan 2023

Jaffna Hindu College

Highlights:

- C 2S in G.C.E.A/L Examination ( Physical Science)
- 5A 4B in G.C.E.O/L Examination

## PROJECTS

### MemoRaid – Personalized Memory Rehabilitation App (Ongoing) [SDGP Project]

Developing an interactive application to assist individuals with amnesia using memory exercises, task management tools, and AI insights for cognitive health improvement, Caregivers integration.

**Tech:** Dart, Flutter, NestJs, React, Supabase store, Supabase Authentication, Postman API , gemini, google colab

### Real-Time Ticketing Application

Developed a full stack application where vendors can add tickets for their events, and customers can browse and purchase tickets in a simulated environment.

**Tech :** React, Vite.js, Spring Boot, Java, SQL, Postman API

### Flight ticket management Application - CLI(Java)

**Associated with:** University of Westminster

Created a flight ticket management system for booking, cancellation, and reservation updates, with seat availability checks and local data storage. Implemented strong error handling for smooth operation.

**Tech :** Java, OOP **Score :** 81.5%

Student Management System -CLI(python)

Associated with: University of Westminster

Built a student outcome prediction app for pass, defer, or fail insights, featuring secure data handling and detailed visualizations like pie and flow charts for lecturer analysis.

Tech : Python, GUI    Score: 89%

Charity Donation Platform Development (Ongoing)

Associated with : Zephzens

Collaborated to develop a charity website enabling users to support natural disaster relief, conflict aid, elder care, and homelessness. The platform features secure transactions, one-time or recurring donations, real-time project tracking, and impact notifications for transparent donor engagement. i am working as a Frontend development Leader.

Tech : HTML5, CSS, SQL, JavaScript, PHP, Supabase

Radius-Based Room Rental Platform

Associated with : Zephzens

Developed a room rental platform enabling users to search, view, and book accommodations with secure payments, while allowing homeowners to list properties and manage bookings seamlessly.

- Tech : HTML5, CSS3, JavaScript . Gemini API

front-End Development for Healthcare Platform

Created a healthcare platform for purchasing health products, reading articles, and toggling between dark/light modes, offering a seamless and customizable user experience..

- Associated with : University of Westminster
- Tech : HTML5, CSS, JavaScript    Score : 74%

TECHNICAL SKILLS

- |              |         |                   |              |
|--------------|---------|-------------------|--------------|
| • Java       | • HTML  | • Spring Boot     | • React.js   |
| • JavaScript | • CSS   | • SQL             | • Postman    |
| • Python     | • Figma | • Adobe Photoshop | • TensorFlow |

SOFT SKILLS

- |                      |                      |                      |
|----------------------|----------------------|----------------------|
| • Project Management | • Critical Thinking  | • Time Management    |
| • Leadership         | • Team Work          | • Good Communication |
| • Time management    | • Good Communication |                      |

COURSES AND CERTIFICATES

- |                               |                             |                         |
|-------------------------------|-----------------------------|-------------------------|
| • React.js, LinkedIn          | • Computer Vision (OpenCV), | • React.js, LinkedIn    |
| • Spring Boot, LinkedIn       | Novi Tech & Simplilearn     | • Spring Boot, LinkedIn |
| • Java, LinkedIn & HackerRank | • Hugging Face, Simplilearn | • Java, LinkedIn        |
| • Machine Learning using      | • Python, HackerRank        |                         |
| Python - simplilearn          |                             |                         |

ACHIVEMENTS

- |  |   |
|--|---|
| • Travel Tech 3.0, Acornic Ventures - Finalist | • Haxmas 2024, Ascentic & RACIIT - Finalist |
|--|---|

LANGUAGES

- |           |         |                       |
|-----------|---------|-----------------------|
| • English | • Tamil | • Sinhala(manageable) |
|-----------|---------|-----------------------|

REFERENCES

Shehan Kumar

Chief Operating Officer at Next Campus  
Brand, Marketing and Communication Specialist  
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Kaviya Jegadeesan

Senior HR Executive at Gallagher Sri Lanka  
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