




AMA DOMBAWELA

COMPUTER SCIENCE UNDERGRADUATE

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 [LinkedIn](#)

 [GitHub](#)

ABOUT ME

I am a dedicated Computer Science Undergraduate with a strong foundation in full-stack development, skilled in building user-friendly applications. I am passionate about user-centered solutions and expanding expertise in UI/UX design, backend architecture, databases, CI/CD pipelines and emerging technologies, with a focus on continuous professional growth

EDUCATION

University of Westminster - BSc(Hons) Computer Science

Sep 2024 - Present

2nd Year Modules - Ongoing

- Database Systems
- Object Oriented Programming
- Software Development Group Project
- Server - Side Web Development
- Algorithms : Theory, design and implementation

1 Year Modules Passed all 6 modules with 120 credits

- Software Development I
- Mathematics for Computing
- Trends in Computer Science
- Computer Systems Fundamentals
- Software Development II
- Web Design and Development

Foundation Programme from Informatics Institute of Technology

Ave Maria Convent Negombo - G.C.E Ordinary Level

Completed G.C.E. ordinary level with 7As and 2Bs

Sep 2023 - Sep2024

Jan 2012 - May 2023

G.C.E Advanced Level (Private Candidate)

Completed with 3 C passes in Information and Communication Technology, Economics, and Geography

Jan 2025 - Jan 2026

SKILLS

SOFT SKILLS

- Effective Communication
- Team Collaboration
- Time Management
- Leadership
- Creativity
- Continuous learning

TECHNICAL SKILLS

- Java
- Python
- HTML5/CSS3
- Node.js
- React.js
- JavaScript
- Spring Boot
- PHP
- SQL
- VS Code
- Git
- IDLE(Python)
- Canva/Figma
- IntelliJ
- GitHub
- netbeans

LANGUAGES

- English
- Sinhala

PROJECT EXPERIENCE

CrackCode – Gamified Coding Education App

Sep 2025 - Present

- Implementing an interactive and gamified learning app combining storytelling and coding challenges to enhance programming skills and engagement.
- Technologies used : **React.js/Tailwind CSS/Axios/Vite/Node.js (Express.js)/ MongoDB (Mongoose)/Redis/ Docker/ GitHub**

Online Food Ordering System

May 2026 - May 2026

- Implementing a full-stack web application to manage food ordering operations including user authentication, food browsing, cart management, order processing, and payments
- Technologies used : **Spring Boot, MySQL, React (TypeScript), Tailwind CSS, JWT**

Smart Campus API

April 2026 - April 2025

- Developed a JAX-RS API to manage rooms, sensors, and readings using sub-resource architecture, business rules, exception handling, HATEOAS, and thread-safe storage.
- Technologies used : **Java, JAX-RS (Jersey), Maven, Apache Tomcat, REST API**

GearRent Pro – Multi Branch Equipment Rental System

March 2026 - April 2026

- Implemented a full-featured equipment rental management system using a layered architecture to handle multi-branch operations, reservations, rentals, returns, pricing logic with discounts, and role-based access control
- Technologies used : **Java, Java Swing, MySQL**

BetterMe Website

Feb 2025 - March 2025

- Designed and developed a responsive website for better health and well being.
- Technologies used : **HTML5/CSS3/JavaScript**

Traffic Data Analysis Program

Nov 2024 - Dec 2024

- Developed a python based program to analyse traffic flow data and to develop a better way of data processing and visualization.
- Technologies used : **Python/Tkinter**

ACHIEVEMENTS AND CERTIFICATIONS

- Foundation Certificate from Informatics Institute of Technology Sep 2023 - Sep 2024
- Participant in Mini Code Golf - Programming Challenge 2025
- Participant in UoW International Problem Solving Hackathon (Team Leader) 2025
- Participant in DevQuest - Codefest 2025
- CMJD - Comprehensive Master Java Developer 2025
- Participant in Hult Prize 2026

EXTRA CURRICULAR ACTIVITIES

- Member of IEEE student branch IIT 2023 - Present
- Member of IEEE CS Society 2023 - Present
- Member of Environment Club Jan 2019 - Sep 2023

REFERENCES

Mr.Suresh Fernando

Admin Manager

SMT Apparel Lanka Limited

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Mr.Chathura W. Wickramasinghe

Lecturer/Level Coordinator - FND May Batch

Informatics Institute of Technology

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