



# Malithi Abayadeera

## IT Undergraduate

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Rathmalana, Sri Lanka

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[Malithi Abayadeera](https://www.linkedin.com/in/MalithiAbayadeera)

[Malithi2021](https://www.github.com/Malithi2021)

[Malithi Rumalka](https://www.github.com/MalithiRumalka)

## About Me

As a driven and innovative Information Technology undergraduate, I possess a deep passion for continuous learning. My exceptional academic record and strong problem-solving skills have prepared me to contribute effectively to the IT industry while embracing new technologies. Being an effective communicator and a team player, my aim is to excel in software engineering and create a positive impact.

## Expertise

### Web Development

HTML | CSS | WordPress

### Programming Language

Java | PHP | Python | C | JavaScript

### Frameworks

React JS | Express JS | Next JS | ASP.net | Tailwind CSS

### Databases

MySQL | MSSQL | MongoDB

### Version Control

Git | GitHub

### Cloud

AWS

### Project Management

Agile Practices | Jira | Confluence | Trello

### UI/UX Design

Figma | Marvel

### API Testing

Postman | Insomnia

## Work Experience

### Feb 2021 - Sep 2021

Group Sustainability Division, Dialog Axiata PLC. - Colombo 03

#### Intern - Group Sustainability (Digital Inclusion)

- Utilized Looker Studio to create impactful data visualizations for informed decision-making.
- Contributed to Research and Development initiatives to enhance digital inclusion and sustainability efforts.
- Actively managed projects using Jira and Confluence, ensuring seamless coordination and timely delivery.
- Demonstrated UI/UX design skills with Figma and Marvel, resulting in improved user experiences.
- Assisted in software and hardware testing, ensuring quality and reliability.
- Practiced agile methodologies (Kanban, Scrum) to foster collaboration and efficiency.

## Education

### Jul 2021 - Present

University of Moratuwa - Sri Lanka

#### BSc. (Hons) in Information Technology and Management

GPA (Level 1, Semester 2) - 3.86 (Dean's List)

### Oct 2019 - Nov 2021

Edith Cowen University - Perth

#### BSc. in Computer Science - Major in Software Engineering

GPA - 3.5 (4 point scale)

### Jan 2019 - Aug 2019

ESOFT, Colombo 05

#### British Computer Society - Certificate Level

### Jan 2018 - Sep 2019

Visakha Vidyalaya, Colombo 05

#### G.C.E. Advanced Level

4 Distinction Passes:- Z score: 1.9033

(ICT, Economics, Geography, General English)

### Jan 2015 - Dec 2016

Visakha Vidyalaya, Colombo 05

#### G.C.E. Ordinary Level

9 Distinction Passes

## Expertise (Contd.)

### Design Tools

Blender | Gimp | SketchUp | Canva

### Data Visualization

Looker Studio

## Soft Skills

- Team Management
- Problem Solving
- Adaptability to new technologies
- Team player
- Time Management
- Attention to Detail

## Certificates

**Google Data Analytics** - Coursera

**React + Redux** - SoloLearn

## Achievements

- Volunteer of the Month for March - IEEE Student Branch, University of Moratuwa
- All Island 10th Earth Science Olympiad Competition Bronze Award (2018)
- President Girl Guide's Award (2018)
- All Island Silver Award for Environmental Pioneer (2017)

## References

### Dr. Thilina Thanthriwatta

Senior Lecturer,  
Faculty of IT, University of Moratuwa.  
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### Ms. Gayani Waduge

Associate Manager- QA ,  
Virtusa (Pvt) Ltd., Colombo 09.  
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## Projects

### Hotel Management Web Application

**Client:-** Virtusa (Pvt) Ltd.

Web application to manage internal hotel functions.

- Developed and implemented modules for Add-ons, Rooms, Room Types, and Promotions, encompassing comprehensive CRUD operations.
- Designed and created common components for user dashboards, ensuring consistency and seamless user experience.
- Played a key role in documentation and contributed to the UI/UX design of the application.

**Technologies:** React JS, Express JS, MySQL, AWS

### DevLabs - Project RIBA - QA Engineer

**Client:-** Architecture Department, University of Moratuwa

Virtual Exhibition to exhibit architectural designs of the students of the Architecture Department.

- Developed and executed comprehensive test cases employing various software testing techniques to ensure high-quality deliverables.
- Conducted UAT (User Acceptance Testing) and regression testing, ensuring the application met the requirements and maintained functionality across different iterations.

### Educational Stem Camp website

Frontend Web Application for an Educational Stem Camp

**Technologies:** HTML5 , CSS

### Mining Kit for Miner Protection

- Utilized the ATmega32 microcontroller and C language to effectively control peripherals and interface with sensors.
- Developed a chest belt and helmet for miner protection, leveraging the power of the ATmega32 microcontroller.
- Contributed to the integration of 433MHz RF Tx-Rx Modules for emergency communication among miners.
- Successfully interfaced the RX/TX module with the ATmega32 microcontroller, ensuring seamless communication and safety for miners.

**Technologies:** Microchip Studio, C , Proteus

### E-Commerce Website (Ongoing)

- A web application for an online Footwear Store.

**Technologies:** React JS, Express JS, MongoDB

## Extra Curricular Activities

### Assistant Editor

INTECS - IT Faculty of the University of Moratuwa

### Editorial Committee Member

IEEE Student Branch of the University of Moratuwa

### Editorial Lead

IEEE Computer Society Chapter of the University of Moratuwa, IEEE Open Week 2023, MoraVentures 2023

### Deputy Head Prefect

Visakha Vidyalaya, (2018-2019)

### Real Hack 2023 (Coding Competition)

Ranked 75th out of 200+ groups

### CodeRush 2023 (Coding Competition)

Participation