



Malithi Abayadeera

IT Undergraduate

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[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

Blendar | 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.
thilinat@uom.lk | +94 71 815 2337

Ms. Gayani Waduge

Associate Manager- QA ,
Virtusa (Pvt) Ltd., Colombo 09.
gwaduge@virtusa.com | +94 77 248 2185

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.
- Incorporated essential metadata into the system to enhance functionality and efficiency.
- 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.
- Played an integral role in the testing process, contributing to the overall quality assurance of the project.

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

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