



Malithi Rumalka Abayadeera

IT UNDERGRADUATE

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ABOUT ME

A passionate and innovative undergraduate with an exemplary academic record, keen on continuous learning and professional development. Aiming to use my knowledge in computer science, business analytics, and project management to satisfy any IT-related profession in a modern company.

TECHNICAL SKILLS

<ul style="list-style-type: none">Agile Methodologies Project Management Tools <ul style="list-style-type: none">ConfluenceJiraTrello Cloud Computing <ul style="list-style-type: none">Amazon AWS Design Tools <ul style="list-style-type: none">BlenderGimpSketchUp	Databases <ul style="list-style-type: none">MySQLMSSQL Data Visualization <ul style="list-style-type: none">Google Data Studio Office Tools <ul style="list-style-type: none">MS Office Suite Version Control <ul style="list-style-type: none">Git Hub UI/UX Design tools <ul style="list-style-type: none">FigmaMarvel	Web Development <ul style="list-style-type: none">ReactJS (including Jest for Unit Testing)NodeJS with ExpressJS, SequelizeJSWordPressHTML5CSS Programming Languages <ul style="list-style-type: none">JavaPythonCJavaScript
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EXPERIENCE

SE Engineer and QA Engineer (Jan 2023 – Present)

DevLabs – Faculty of IT, University of Moratuwa

- Creating and executing test cases
- Performing regression testing, sanity testing, and user acceptance testing
- Contributing to software development projects as an SE Engineer

Intern – Group Sustainability [Digital Inclusion] (Feb 2021 – Sep 2021)

Group Sustainability Division, Dialog Axiata PLC.

- Data Visualization (Google Data Studio)
- Research and Development
- Project Management (Jira/Confluence)
- UI/UX Design using Figma and Marvel
- Software/Hardware Testing
- Agile Methodologies

EDUCATION

BSc. (Hons) in Information Technology and Management (Jul 2021 – Present)

University of Moratuwa – Sri Lanka

GPA (Level 1, Semester 2) – 3.86

BSc. in Computer Science – Major in Software Engineering (Oct 2019 – Nov 2021)

Edith Cowen University – Perth

GPA – 3.5

British Computer Society – Certificate Level (Jan 2019 – Aug 2019)

ESOFT, Colombo 05

G.C.E. Advanced Level (Jan 2018 – Sep 2019)

Visakha Vidyalaya, Colombo 05

4 Distinction Passes (ICT, Economics, Geography, General English)

G.C.E. Ordinary Level (Jan 2015 – Dec 2016)

Visakha Vidyalaya, Colombo 05

9 Distinction Passes

PROJECTS

- **Level 2 Group Project – Hotel Management Web Application (Ongoing)**

Client:- Virtusa (Pvt) Ltd.

Currently working on the development of an application to manage the internal staff functions of a hotel.

Technologies: React JS, Node JS with Express JS, MySQL, Firebase, AWS **Github Link:**github.com/Code-Byte-fit/EXOTEL

- **DevLabs – Laundry Management System – SE Engineer/ QA Engineer(Ongoing)**

Client:- Laundromat (Pvt) Ltd.

- **DevLabs – Project RIBA – QA Engineer**

Client:- Architecture Department, University of Moratuwa

Virtual Exhibition to exhibit the architectural design of the students of the architecture department.

Creating and Executing test cases. Performing different software testing techniques

- **Level 1 Individual Project – Educational Stem Camp website**

Technologies: HTML5 , CSS, JavaScript

- **Level 1 Group Hardware-Based Project: Mining Kit for Miner Protection.**

Utilized an ATmega32 microcontroller and C language to control peripherals and interface with sensors. Developed a chest belt and helmet for miner protection.

Technologies: Microchip Studio, C , Proteus

- **Final Year Group Project: Musical Event Recommendation Mobile Application**

Collaborated with peers to develop a mobile application that recommends musical events. Used Cosine similarity, and Count Vectorizer

Technologies: Python, Machine Learning, Firebase

CERTIFICATES

- **Google Data Analytics (March 2023 – Present)**– Coursera
- **React + Redux (April 2023)** – SoloLearn
- **Python for Beginners (Present)** –Open Learning Platform –UoM
- **Web Design for Beginners (Present)** – Open Learning Platform –UoM

VOLUNTEER EXPERIENCES

- Merak 2023 – Volunteered in Asia's Largest Autism Awareness Campaign and Beach Clean Up
- Organized a school equipment distribution project at Meegolla Junior School with the senior prefect's guild. (2018)
- Donated Medicine to Maharagama Cancer Hospital as a member of the school junior prefects' guild.
- Blood donation camp organized by the senior prefects' guild (2018)
- Introduced Environmental pioneers' clubs to two schools

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)
- **Member** – school Parliament (2013–2016)
- **Junior Prefect** (2015–2016)
- **Real Hack 2023** (Coding Competition) – ranked 75th out of 200+ groups
- **CudeRush 2023** (Coding Competition)– Participation

ACHIEVEMENTS

- Volunteer for the Month of 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
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