



Malithi Rumalka Abayadeera

IT UNDERGRADUATE

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Portfolio: [malithi-rumalka](#)



Medium: [Malithi Rumalka](#)



LinkedIn: [Malithi Abayadeera](#)



GitHub: [Malithi2021](#)

ABOUT ME

As a driven and innovative computer science 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.

TECHNICAL SKILLS

Web Development

- WordPress | HTML5 | CSS

Programming Languages

- Java | PHP | Python | C | JavaScript

Frameworks

- ReactJS | ExpressJS | ASP.net

Other Tools

- AWS Services | Firebase | Postman | Insomnia

Databases

- MySQL | MSSQL | MongoDB

Data Visualization

- Looker Studio

Office Tools

- MS Office Suite

Version Control

- Git

Project Management Tools

- Agile Practises
- Confluence | Jira | Trello

Design Tools

- Blender | Gimp | SketchUp | Canva

IDEs

- MS Visual Studio | VS Code | IntelliJ | Eclipse

UI/UX Design tools

- Figma | Marvel

EXPERIENCE

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 Practises (Kanban, Scrum)

EDUCATION

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

University of Moratuwa – Sri Lanka

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

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:- Z score: 1.9033

(ICT, Economics, Geography, General English)

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

Visakha Vidyalaya, Colombo 05

9 Distinction Passes

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

GitHub: github.com/Code-Byte-fit/EXOTEL

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

GitHub: github.com/Malithi2021/Education-Camp.git

Hardware-Based Project: 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

CERTIFICATES

- **Google Data Analytics** – Coursera
- **React + Redux (April 2023)** – SoloLearn

VOLUNTEER EXPERIENCES

- Volunteered in Asia's Largest Autism Awareness Campaign and Beach Clean Up at Merak 2023
- Introduced Environmental Pioneers club to St. Mary's Vidyalaya (Colombo 05) and Sujatha Vidyalaya – Nugegoda, promoting environmental awareness and sustainability

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

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
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