



# Lakindu Widuranga Alwis

Self-taught Full-Stack Developer  
Undergraduate at SLIIT

## ABOUT

I'm a passionate **Software Engineering Student, self-taught Full-Stack Developer, AI Researcher, Blogger and Tech-Enthusiast** who **addicted to learning, researching and working with cutting-edge Technologies since I was a kid**. I love to collaborate with Open Source.

## EXPERIENCE

### FOUNDER - LWA TECHNOLOGIES

After the G.C.E Ordinary examination, I wanted to join a Game Development company but I couldn't. Then I tried to build a Startup in 2018. That helped me to become a **Startup enthusiast and improve my software engineering skills** since I was 16 years old. Also, that is one of the biggest turning points in my life as a Tech Enthusiast.

## EDUCATION

### • SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

B.Sc. (Hons) in Information Technology - Specializing in Software Engineering

- Member of the Free and Open Source Community.
- I am a student who loves to discover cutting-edge Technologies.

### • MAHANAMA COLLEGE, COLOMBO 03

(G.C.E) Advanced Level - **Physical Science Stream** 2020

- Technical Officer at ICT society
- Member of the School Science Society
- Member of the school English Literature Society

## PROJECTS

### • GYMLY - GYM MANAGEMENT SYSTEM

- GYMLY is a gym management system. It enables GYM owners to make their GYMs fully automated.
- The user Management part of this system is handled by me.
  - Under the user management users can register for the GYM and get a GYM membership online. Registered users have functionalities like updating their profile, getting notifications, generating monthly reports and Make Attendees. Also, Admin has access to Remove users and send notifications to them.
  - Also, there is an **AI-based BMI tracking system**.
  - Used the same engine(Davinci-003) which use for a ChatGPT.
- Technologies - **MERN-STACK, OpenAI**





### • MY RESEARCH BUDDY

- My Research Buddy is a web app that helps to discover your research topic.
- Technologies - **OpenAI, MERN-Stack**
- **GitHub** - <https://github.com/MasterLWA/My-Research-Buddy.git>

## CONTACT ME

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-  [linkedin.com/in/masterlwa](https://linkedin.com/in/masterlwa)
-  [twitter.com/MasterLWA](https://twitter.com/MasterLWA)

### Other Platforms

-  [github.com/MasterLWA](https://github.com/MasterLWA)
-  [hackerrank.com/MasterLWA](https://hackerrank.com/MasterLWA)
-  [youtube.com/@Lakindu](https://youtube.com/@Lakindu)
-  [medium.com/@masterlwa](https://medium.com/@masterlwa)

## PROFESSIONAL SKILLS

### Languages

- Java
- C++
- PHP
- Swift
- Python
- Java Script

### Technologies & Frameworks

- Bootstrap
- MERN-Stack
- Flutter
- Github
- MongoDB
- OpenAI
- SQL
- Arduino
- Android Studio
- Postman
- Unity Engine

### Other Skills

- Object Oriented Concepts and Programming
- Business Development and Marketing
- Entrepreneurship
- Creative Problem Solving
- Agile Methodologies
- Fast Learning
- Creative Thinking
- Team Working
- Prompt Engineering

# CERTIFICATES

## Google Digital Garage

- Fundamentals of digital marketing

## Solo Learn

- C++
- Java
- C++
- PHP
- SQL
- Swift
- Kotlin
- React+Redux
- JavaScript
- R

## Data Camp

- Introduction to SQL
- Machine Learning for Everyone
- Introduction to Python

## Hackerrank

- Java
- React (basic)
- SQL (basic)
- Nodejs(basic)

## MongoDB

- Getting Started with MongoDB Atlas
- MongoDB CRUD Operations: Modifying Query Results

## FreeCodeCamp.org

- Responsive Web Design

## Amazon Web Service (AWS)

- Introduction to Serverless Development
- Getting Started with AWS IoT

## OTHER

- Develop AR apps with Xcode

# INTERESTS & HOBBIES

- Robotics
- GYM/Runnning
- Startup
- Astronomy
- Game Developement

# REFEREES

## Vihanga Wijayasekara

### Research Assistant

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Garthdee House, Garthdee Road,  
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- +94 77 128 8905

## Thisaru Mahadurage

### CEO at Purple Software

- thisaru.com
- thisaru@gmx.com

## • STAFFY - ONLINE STAFF MANAGEMENT SYSTEM

- ONLINE STAFF MANAGEMENT SYSTEM Developed using **Java, JSP, MySQL, Bootstrap and Tomcat Server**.
- **Object-Oriented Programming Project**.
- The project was done according to **MVC Architecture** and **Agile Methodology**.

## • AIR POLLUTION DETECTOR

- Developed air pollution detecting system for IoT competition at Navaloka College of Higher Studies.
- Developed Hardware part using **Arduino** in **2019**.
- **video** - <https://youtu.be/NCJk0FzxgmM>

## • MEDI-MATE

- Medi-Mate is an app that assists to **balance mental and physical health** by tracking mental status and physical activities.
- Technologies - **Flutter, Firebase, OpenAI**

## • GORENT - ONLINE VEHICLE RENTAL SYSTEM

- GoRent is an Online Vehicle Rental System which was developed for 1st-year 2nd Semester Group work at the SLIIT. It allows users to get vehicles for rent. Also, vehicle owners can add their vehicles.
- Developed using **Bootstrap, JavaScript, SQL, PHP and MAMP server**

## • QAPITAL - FINANCE MANAGEMENT ANDROID APP

- Qapital is a Financial Management App. it helps people to manage the expenses of their daily life.
- Technologies - **Android Studio, Kotlin and Firebase**
- **GitHub** - <https://github.com/MasterLWA/Qapital.git>

## • WORKOUT PLANNING APP

- Basic **MERN-Application to Manage Workout Schedule**.
- I developed this app to **understand the back-end operations of the MERN application** and **do research about the best file structure** for a MERN-Stack.
- **Github Link** - <https://github.com/MasterLWA/Workout-App-MERN.git>

# AWARDS

## • 1ST RUNNER-UP TEAM OF UNIMATE HACKATHON 2021

- Hackathon Organized by the IEEE branch of IIT Sri Lanka at the end of 2021.
- Redeveloped the Unimate app. It was built with the **React-Native** and **Firebase**.
- Specially, we added new privacy features and Improved Frontend.
- <https://unimate.app/hackathon>

## • TOP 10 TEAMS AND MOST POPULAR TEAM 2022

- Ideathon organized by the Microsoft club of the SLIIT in August and September 2022.
- First round we brainstormed a solution for inflation in Sri Lanka
- Final round we brainstormed a platform which allows Undergraduates and young adults to gain industrial experiences virtually.

## • PARTICIPATE TO THE INCOHST 2019

- IoT Competition organized by the NCHS Sri Lanka.
- Developed a real-time air pollution detector using **Arduino**.
- **video** - <https://youtu.be/NCJk0FzxgmM>

## • PARTICIPATE TO IDEALIZE 2022

- App development Hackathon organized by AIESEC, University of Moratuwa.
- Develop a time-scheduling app using **Flutter**.