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Other Platforms

🐙 github.com/MasterLWA

Ⓗ hackerrank.com/MasterLWA

▶️ youtube.com/@Lakindu

Ⓜ️ medium.com/@masterlwa

stackoverflow.com/users/10193493

PROFESSIONAL SKILLS

Languages

- Java
- C++
- PHP
- Type Script
- Python
- Java Script

Technologies & Frameworks

- MERN-Stack
- Flutter
- Github
- MongoDB
- OpenAI
- SQL
- Angular
- Springboot
- Tensorflow
- Tail-wind
- TypeScript
- Bootstrap
- Postman
- React-Native
- Arduino
- Azure
- Unity Engine
- CI/CD

Technical Skills

- Web App deploying
- Design patterns and Algorithms
- Object Oriented Programming
- Prompt Engineering
- Clould Technologies

Lakindu Widuranga Alwis

Founder of LWA Technologies
Full-Stack Developer

ABOUT

I'm a passionate Technopreneur, a Software Engineering student, a self-taught Full-Stack developer, an AI researcher, a blogger, and a tech enthusiast. I have won Hackathons and completed numerous projects that have allowed me to delve into various cutting-edge technologies. My love for learning and researching has been with me since childhood, and I am dedicated to making a positive impact in the tech community. Additionally, I actively contribute to open-source projects.

EXPERIENCE

- ### SOFTWARE ENGINEER TRAIN - AXIATA DIGITAL LABS

  As the Full Stack Developer within Axiata Digital Labs' Global Process Excellence team, I am tasked with the development and maintenance of three tools crucial for internal audits. My internship experience has been highly rewarding, considering the unique position of being a solo developer in the team. This role has provided me with the opportunity to collaborate with various departments and engage with senior professionals, contributing to a valuable and insightful learning experience. Also, worked on a **Wordpress** website called Aurora.
  - website - https://www.axiatadigitallabs.com
  - Tech stacks - **Angular, NodeJS, Spring boot and MySQL**
  - **Language - TypeScript and Java**

EDUCATION

- ### SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

  B.Sc.(Hons) in Information Technology
  - Member of the Free and Open Source Community.

- ### MAHANAMA COLLEGE, COLOMBO 03

  (G.C.E) Advanced Level - **Physical Science Stream** 2020
  - **Passed Advanced Level exam.**
  - Subjects - **Physics, Combined Mathematics and ICT**
  - 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 SaaS 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, there is an **AI-based BMI tracking system.**
    - Used the same engine(Davinci-003) which use for a ChatGPT.
  - Technologies **- MERN-STACK, OpenAI, Bootstrap, JWT Token, Bcrypt**
  - Commercial Website - **https://masterlwa.github.io/GYMLY-Project/**

REFEREES

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CEO at Purple Software
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- ## ADL INTERNAL AUDITING TOOLS
  - As a Full-stack Developer in the Process team at Axiata Digital Labs, my responsibilities include developing and maintaining three tools used for internal audits. These tools share a common comment database, and I am the sole developer responsible for their creation and upkeep.
  - Additionally, I am actively involved in product deployments, monitoring, and addressing any issues that arise. This role has provided me with a valuable opportunity to expand my knowledge across a wide range of technologies. Furthermore, I have gained a deep understanding of Software Development Life Cycle (SDLC) and SCRUM methodologies through hands-on experience.
  - Technologies - **Angular, NodeJS, MySQL, SpringBoot, AWS**

- ## FITNESSLEAF AI
  - AI-based web application for generating vegetarian recipes tailored to users' nutritional requirements using generative AI technology for my Australian client.
  - **Link** : app.fitnessleafai.com
  - Developed using **MERN stack, Open AI API and Stripe Payment Gateway.**

- ## WAREHOUSE STOCKS MANAGEMENT & PROFIT ANALYSIS SYSTEM
  - I did this project for Senior Tyre & Battery Trading Company (PVT) Ltd, my client based in Sri Lanka
  - The primary objective was to **automate their warehouse processes, encompassing the storage of items and projects, seamless movement to their shop, efficient supplier management, a comprehensive dashboard for real-time inventory tracking, generation of customer bills, and the provision of profit analyst reports.**
  - Tech Stack**: MERN stack.**

- ## SENTIMENT ANALYSIS - MODEL RUN AND MANAGE
  - This project involved developing an application for my client at a university in Auckland, New Zealand. The requirement was to complete the development part of their research. I was tasked with creating an app to manage AI models that they had developed, allowing users to input data through the frontend, and predict outcomes using the models. Also, create a dashboard for visualization.
  - Architect - **MVC Architecture/ Microservice Architecture**
  - Tech Stack - **MERN Stack (TypeScript), Python, Flask, Azure for CI/CD**

- ## STAFFY - ONLINE STAFF MANAGEMENT SYSTEM
  - The Online Staff Management System is a robust web application developed using **Object-Oriented Programming Concepts.**
  - Technologies - **Java, JSP, MySQL, Bootstrap, Tomcat Server.**
  - Architect - **MVC Architecture**
  - Methodology - **SCRUM**

- ## AIR POLLUTION DETECTOR
  - Developed air pollution detecting system for IoT competition at Navaloka College of Higher Studies.
  - Technologies - **Arduino, Android Studio**
  - Video - **https://youtu.be/NCJk0FzxgmM**

- ## MEDI-MATE
  - Medi-Mate is a revolutionary app that **utilizes AI to help individuals achieve a harmonious balance between their mental and physical health.**
  - Technologies - **Flutter, Firebase, OpenAI**

- ## MY RESEARCH BUDDY
  - My Research Buddy is an innovative application designed to Manage Research and assist researchers in discovering their ideal research topic using AI.
  - Technologies - **MERN-STACK, OpenAI, Bootstrap, JWT Token, Bcrypt**
  - **GitHub - https://github.com/MasterLWA/My-Research-Buddy.git**

OTHER SKILLS

- Business Development and Marketing
- Entrepreneurship
- Creative Problem Solving
- Fast Learning
- Creative Thinking
- Team Working

INTERESTS & HOBBIES

- Robotics
- Artificial Intelligence
- Startup
- Astronomy
- Game Developement

Social Media

facebook.com/masterlwa

instagram.com/masterlwa

AWARDS AND PARTICIPATIONS

- **1ST RUNNER-UP TEAM OF UNIMATE HACKATHON 2021**
  - Hackathon Organized by the Research team of Robert Gordon University 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.

- **MICROSOFT APAC AI 2023 - TOP 10 TEAMS**
  - This Hackathon is a groundbreaking event **focused on harnessing the power of AI to improve accessibility for individuals with disabilities**.
  - I led a team in developing a project to enhance the shopping experience for people with disabilities. We leveraged AI and cloud technologies, specifically on Microsoft Azure, to create an innovative solution.

- **TOP 10 TEAMS OF 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

- **PARTICIPATED IDEALIZE 2022**
  - App development Hackathon organised by the University of Moratuwa.
  - Our team developed an App to automate the online scheduling of small businesses.
  - tech stack - Flutter

ADDITIONAL PROJECTS

- **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 **PHP, JavaScript, SQL, Boostrap and MAMP server**

- **MOVIES APP**
  - App to get movie reviews and details
  - Tech-Stack: **Angular, Bootstrap**
  - **Github Link** - https://github.com/MasterLWA/Movies-App-frontend.git

- **TO-DO APP**
  - Simple to-do app that helps you to add and remove daily tasks.
  - Tech-Stack: **React-Native**
  - **Github Link** - https://github.com/MasterLWA/Todo-App.git

- **GAME PLATFORM DASHBOARD API**
  - Rest full API to keep user details and scores user gains.
  - Tech-Stack: **Java, SpringBoot, SQL**
  - **GitHub Link** - https://github.com/MasterLWA/Game-Score-API-v2.git

- **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