



MOHAMED ZIHAN

Former Software Engineer Intern at ICTA

+94 77 6636973

sihanmfm.19@uom.lk

68/A2, Hettigawatta,
Veyangalla,
Agalawatta



www.linkedin.com/in/mohamed-zihan-123257195/



<https://github.com/Zihan-Codes/>



<https://stackoverflow.com/users/16318779/zihan>



<https://mohamed-zihan.medium.com/>



https://www.hackerrank.com/Zihan_1



<https://www.facebook.com/people/Mohamed-Zihan/100009280445050/>



Technical Skills



Programming Languages

C
Java
Python (Beginner)



Mobile App Development

React Native



Personal Profile

A responsible, self motivated, skillful, dedicated, undergraduate with leadership qualifications who is willing to accept challenges and get intelligent solutions, seeking an opportunity as a software engineer intern to apply existing knowledge and technologies in the field of Information Technology.



Education



Reading for **BSC. (Hons) in Information Technology**
University of Moratuwa

2020 - 2024 (expected)



Kekunagolla National School

G.C.E Advanced Level 2018 (Physical Science)

Combined Mathematics - **A**, Physics - **B**, Chemistry - **A**

G.C.E Ordinary Level 2014 (5A 3B 1C)



Work Experience



Intern Software Engineer at ICTA

2023 January - 2023 July



Technical Instructor at IgniterSpace

2023 March Onwards



Projects

Companion

Online Vehicle Booking Application - 2nd year group project

Companion web/mobile application will make it easy for the companies to booking or requesting Vehicle for their Staff service. Company manager will request the vehicle as they want (Bus, Van, Car, TukTuk). They want to select the drop locations of their staffs. Company will pay the payment on Cash Payment.

Technologies: React, React Native, Laravel, MySQL

Automotive Paint Machine

Automotive Paint Spraying Machine - 1st year group project

Automotive Paint Machine will make it easy to Paint the Wall. We want to give the wall height and length then it will move up / down and side. If paint is low, there is an alarm. Alarm will on. So we can add paint.

Technologies: Embedded C

Microcontrollers used: ATmega32,

→ Web Development

Html
CSS / Bootstrap
JavaScript
PHP
React
Laravel
Springboot
NodeJS (ExpressJS)

→ Database

MySQL
MS SQL
Mongo DB

→ IDEs

Visual Studio Code
IntelliJ
PhpStorm
PyCharm
Android Studio

→ Version Controllinmg

Git

→ Operating Systems

Windows
Kali Linux
Ubuntu



Interest fields

1. Cybersecurity
2. Machine Learning
3. Software Engineering
4. Embedded Systems



Other Skills

- Problem Solving
- Team Management
- Leadership Skills
- Communication Skills
- Risk Management
- Event Management

Languages

- Tamil (Native)
- English
- Sinhala

Debtor's Transactions Management website

(<https://mtransaction.000webhostapp.com/>)

This is my Individual Project.. I just thought to make a website to manage debtor's transactions. Some shops have debtors. They want to write the debt amounts in separate books. But in this website, it is easy to manage debtors and transactions. I have described the full details about this website and uploaded the demo screen record video too in LinkedIn.

LinkedIn Post: shorturl.at/CR014

Technologies: Html, CSS/Bootstrap, JS, PHP, MySQL

Online Store website

(<https://zweb1-triel.000webhostapp.com/Admin.php>)
(<https://zweb1-triel.000webhostapp.com/>)

This is my Individual Project.. I just thought to make a website to use for the Online Store. I will modify this like E-commerce website. Still didn't finished. I have described the full details about this website and uploaded the demo screen record video too in LinkedIn.

LinkedIn Post: shorturl.at/uEKTZ

Technologies: Html, CSS/Bootstrap, JS, PHP, MySQL

Diary Mobile App

([Mobile App](#))

This is my First Mobile Application. Created using React Native, Laravel and MySQL database.

LinkedIn Post: shorturl.at/gTV56

Technologies: React Native, Laravel, MySQL

Website for Health Ministry

This is the project has done by me in the internship period at ICTA. The SLDHA, our flagship project, aimed to connect all health institutions across Sri Lanka into a comprehensive atlas. With a user-friendly interface developed using Laravel and Bootstrap. Two essential roles, Data Entry Officer and Data Approver, were empowered to register from each institute. Additionally, private health institutions were given an opportunity to be part of the atlas, fostering inclusivity in the healthcare ecosystem.

Website Link: <https://digitalhealthatlas.lgcc.gov.lk/>

Technologies: Laravel with JQuery, MySQL and ArchGIS atlas

Secure Authentication system for a Hospital With 2FA validation

Enhanced Security with Role-Based Access Control. Strengthening Security with 2FA and Attribute Verification. Role-Based Restrictions. Role-Based Restrictions. User-Friendly Password Management

LinkedIn post Link: https://www.linkedin.com/posts/mohamed-zihan_mernstack-authenticationsystem-security-activity-7089210016200593408-_lbb?utm_source=share&utm_medium=member_android

Technologies: ReactJS, NodeJS, Express JS, MongoDB



Referees

Saminda Premaratne
Head
Dept. of Information Technology,
Faculty of Information Technology,
University of Moratuwa.
Mobile : +94 714 413 362
Email : samindap@uom.lk

Yasas Sri Wickramasinghe
Lecturer | Former Lead Software Engineer,
Dept. of Information Technology,
University of Moratuwa, Sri Lanka.
Mobile : +94 768 666 603
Email : yasasw@uom.lk