



GIHAN KALUKAPUGE

IT Undergraduate

About Me

Ambitious IT undergraduate with a passion for technology and a strong foundation in computer science, programming, and network systems. Able to design, build and maintain secure and efficient technology solutions. Creative problem-solver and critical thinker, driven to continuously expand knowledge and play a key role in shaping the future of technology.

Basic Information

+94 70 643 8232
gihankalukapuge@gmail.com
No 29/B 1, Sri Saranankara Mawatha,
Rilawala, Polgasowita.

<https://linkedin.com/in/Gihan>
<https://github.com/Gihan>
<https://medium.com/@Gihan>
<https://www.instagram.com/Gihan>
<https://www.facebook.com/Gihan>
<https://www.hackerrank.com/Gihan>

Technical Skills

- Programming Languages
 - Java
 - C++
 - C
- Database
 - MySQL
 - MS SQL

EDUCATION

University of Moratuwa

- BSc (Hons) Information Technology (UG) (Reading - Expected in 2025)

University of Colombo School of Computing

- Diploma in Java Programming

UINCAT Information Technology Academy

- Diploma in C++ Programming

Institute of Software Engineering

- Comprehensive Master Java Developer (Reading - Expected in 2023)

Ananda College - Colombo 10

- G.C.E. Advanced Level - 1A 2Bs (Combined Mathematics, Chemistry, Physics) (2019)

Thurstan College - Colombo 07

- G.C.E. Ordinary Level - 9As (2016)

PROJECTS

First Year Hardware Project - Modern Smart Food Showcase

People are very busy in this modern society. This kind of food vending machine make lives easier for customers & shop owners by automating the food vending and cleaning process in a hygienic manner. So, this is a really good solution for the shop owners and customers to save their time and reducing the manpower.

Role: Working with LCD Display, Keypad, Servo Motors, PCB designing, Program the microcontroller

Technologies: C

Microcontroller Used: Atmega32

Second Year Software Project - Talular Project Management System (Ongoing)

'Talular' is a Project Management System that provides some really cool features such as schedule meetings, grade submissions, generate grade charts, track ongoing progress, maintain user profiles, view completed projects and their grades in one place and other unique features to help students to manage their projects efficiently and effectively. This is the second year industry based project which was mentored by WSO2.

Role: Full Stack Developer

Technologies: React, Ballerina, My Sql

Web Development Competition Website - Devthon 1.0

'Devthon 1.0' is a website development competition organized by Leo Club of University of Moratuwa. The official website containing the details of the competition was designed to provide information to competitors.

Role: Full Stack Developer

Technologies: HTML, CSS, JavaScript

Platform for Historical and Archaeological Destinations - NALP (Ongoing)

'NALP' is a platform for destinations which has historical and archaeological value in Sri Lanka. Posting, storing and updating photos along with information, search places by their different properties, posting comments are the main tasks.

Role: Full Stack Developer

Technologies: MERN Stack

Technical Skills (Continued)

- Web Development
 - HTML
 - JavaScript
 - Bootstrap
 - ReactJS
 - CSS
 - TypeScript
 - Material-UI
 - Ballerina
- Applications & Tools
 - Postman
 - Miro
 - Figma
 - Photoshop
 - Cisco Packet Tracer
 - Trello
 - Jira
 - Microsoft Office
 - 365
 - Illustrator
- IDEs
 - CodeBlocks
 - IntelliJ IDEA
 - Visual Studio
 - Atmel Studio
 - Netbeans
- Code Editors
 - VS Code
- Version Controlling
 - git
- Operating Systems
 - Windows
 - Isuru Linux
 - Ubuntu

Other Skills

- Team Managment
- Leadership Skills
- Time Management
- Adaptability
- Communication Skills
- Creativity
- Problem Solving

Languages

- Sinhala (Native)
- English
- Tamil

Achievements & Participations

- Hackmoral 5.0 – Participation
 - Organized by University of Moratuwa (INTECS)
- Realhack 4.0 – 46th place from 230 Teams
 - Organized by University of Kelaniya (IEEE)

Work Experience

- Intern – Lower Counter Officer
 - People’s Bank, Sri Lanka.
- Graphic Designer
 - Omega Advertising (Pvt) Ltd.
- Logo Designer
 - Freelance – Fiverr.

PROJECTS (CONTINUED)

- Membership Tracking System – MyLeo (Ongoing)**
'MyLeo' is a membership tracking system for all the Leo Clubs in Sri Lanka. Member creation, update, progress tracking and report generation are the main tasks.
Role: Full Stack Developer
Technologies: MERN Stack

ROLES & RESPONSIBILITIES

- Leo Club of University of Moratuwa**
 - Organizing Committee Member – Project Shilpasara
 - Logo Designer – Project Shilpasara Official Logo
 - Organizing Committee Member – MindXtra Ideathon
 - Designer – Project You Creator
- IEEE Industry Applications Society of University of Moratuwa**
 - Design Committee Member
 - Logo Designer – Project Octwave Official Logo
 - Designer – Project Arduino Session
 - Designer – Project Industrial Robotics
- Weight Lifting Crew University of Moratuwa**
 - Former Crew Member
- Information Technology Society of University of Moratuwa**
 - Committee Member
 - Design Team Member – FIT Future Careers 2023
 - Design Team Lead – Hackmoral 5.0
 - Logo Designer – Hackmoral 5.0 Official Logo
 - Company Coordinator – FIT Future Careers 2023
 - Event Coordinator FYP Session 01
- FIT Moments – Faculty of IT Media Unit**
 - Design Team Member
- MoraSpirit**
 - Creative Design Pillar Member
- Rotaract Club of University of Moratuwa**
 - Organizing Committee Member – Project Manusath Handa
 - Panel Coordinator – Are You Ready 2021
- Ananda College Colombo 10**
 - Boxing Team Member
- Thurstan College Colombo 07**
 - Swimming Team Member
 - Badminton Team Member

NON RELATED REFREES

- Dr. Lochandaka Ranathunga**
Senior Lecturer
Department of Information Technology
Faculty of Information Technology
University of Moratuwa
mobile : +94 71 2207030
- Dr. Priyanga D. Thalagala**
Senior Lecturer,
Department of Computational Mathematics,
Faculty of Information Technology,
University of Moratuwa
priyangad@uom.lk
+94 70 248 7978