





# Gihan Saranga Siriwardhana


## Full Stack Developer


Problem solver, Leader, Tech Enthusiast, Public Speaker and a student who seeks opportunities to enhance and share knowledge in anyway possible.

### CONTACT

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 +94 (0) 76 993 8710

 Malabe, Sri Lanka

### TECHNICAL SKILLS

React JS

Node JS

Mongo DB

Kubernetes

Dockers

Istio

Shell

Python

Spring

Java

C#

PHP

Android

Flutter

HTML

CSS

C++

Bootstrap

SQL

Firebase

PL/SQL

### DESIGNING SKILLS

Illustrator

Photoshop

CorelDraw

Flash

### LANGUAGES

#### English

Professional working proficiency

#### Sinhala

Professional working proficiency

### PROFILES

#### LinkedIn

[www.linkedin.com/in/gihan-saranga-siriwardhana/](https://www.linkedin.com/in/gihan-saranga-siriwardhana/)

#### GitHub

[www.github.com/gihanrcg](https://www.github.com/gihanrcg)

#### Stack Overflow

[www.stackoverflow.com/users/10086033](https://www.stackoverflow.com/users/10086033)

#### Facebook

[www.facebook.com/gihan.s.siriwardhana](https://www.facebook.com/gihan.s.siriwardhana)

#### Instagram

[www.instagram.com/gihan\\_saranga\\_siriwardhana/](https://www.instagram.com/gihan_saranga_siriwardhana/)

#### Website

[www.gihansiriwardhana.live/](https://www.gihansiriwardhana.live/)

#### Blog

<https://gihanblog.netlify.app/>

### WORK EXPERIENCE

#### Trainee Software Developer ( Scholarship )

From 2018 to Present

IFS R & D - Development & Extensibility

#### Microsoft Learn Student Ambassador

From 2020 to Present

Microsoft

#### Microsoft Student Partner

From 2019 to 2020

Microsoft

### EDUCATION

#### B.Sc. Special (Hons) - Information Technology (Specialization - Software Engineering )

Sri Lanka Institute of Information Technology

#### Certificate in Presentation Skills

British Council - Sri Lanks

#### Di-TEC Diploma in Information Technology

ESOFT Metro Campus - Galle

#### Certificate in Graphic Designing and Animation

Ministry of Education - Sri Lanka

#### Advanced Level - Mathematical Stream

Richmond College - Galle

### PERSONAL PROJECTS

#### Research on a Network Science based approach for an optimal Microservice Deployment

An optimed model for finding optimal Kubernetes deployment strategy by applying network science theories to a microservice mesh.

Technologies Used : Kubernetes | Istio | Docker | Python | NodeJS | React JS | YAML | Shell |

#### Machine Learning Model to identify false advertisements

A model that is trained to identify false job advertisements based on the content using Random Forest Algorithm.

Technologies Used : Python | Numpy | Random Forest

#### Hotel Management System

A standalone system as well as online web application where customers can manage almost all the task regarding hotel management as Employee attendance, salary, bill calculation, room booking etc.

Technologies Used : C# | MySQL | .NET | JSP

#### Inventory Management System

An inventory management system which can perform day to day tasks regarding the storage of any kind of shop with much more efficiently and precisely .

Technologies Used : Java FX | SQL Server | Bootstrap | React JS | Express JS | MongoDB

### ACHIEVEMENTS & CONTRIBUTIONS

National Best Quality Software Awards - Final Round Contestant

President MS Club of SLIIT

Main Organizer of Study Support Sessions

Co- Founder of Mini Hackathon

Main Organizer of MS Champs at Microsoft Sri Lanka