



Gihan Siriwardhana

Full-Stack Engineer

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

My Contact

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📍 Boralesgamuwa, Sri Lanka

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

🐙 [@gihanrcg](https://github.com/gihanrcg)

Technical Skills

- React JS
- Node JS
- Mongo DB
- Spring
- Java | C#
- GraphQL
- Kubernetes | Docker
- SQL | PLSQL | PostgreSQL

Designing Skills

- Figma
- Illustrator
- Photoshop
- CorelDraw
- Flash

Education Background

B.Sc. Special (Hons) - Information Technology
(Specialization - Software Engineering)
Sri Lanka Institute of Information Technology

Di-Tec Diploma in Information Technology
ESOFT Metro Campus - Galle

Certificate in Presentation Skills
British Council - Sri Lanka

Professional Experience

Software Engineer | SyscoLABS Technologies March 2021 – Present

Working on Sysco Shop, the main e-commerce system for the Fortune 500 company, Sysco which has millions of transactions a day. Contributing as a Full Stack Engineer to the application by taking the responsibilities from end to end, ensuring the user experience, performance and the reliability

Software Engineer | IFS R&D Sri Lanka - DevEx Feb 2018 – March 2021

Immediately recruited after finishing the 3 years of scholarship program. Worked on creating a next level developer experience with developing marble modeling language, utilizing technologies such as : Java, ANTLR, Docker ,LSP, Maven, ANT and Bash.

Community Experience

Microsoft Learn Student Ambassador (GOLD) Jan 2019 – Sept 2021

A global student community that raise awareness in latest technologies of university students. I was the first and the only member to reach the gold level in Sri Lanka

Projects and Publications

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

An optimized 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 (<https://ieeexplore.ieee.org/document/9357232>)

Machine Learning Model to identify false advertisements

Code Complexity Analyzer

Achievements

Best Paper Award in 2020 2nd International Conference on Advancements in Computing (ICAC)

President MS Club of SLIIT

National Best Quality Software Awards - Final Round Contestant

Main Organizer of MS Champs at Microsoft Sri Lanka