

# Gihan Tharuka Pitigalage

## Full Stack Software Engineer

+94719855227 | gihantharuka2499@gmail.com | Colombo, Sri Lanka.

<https://gihan-tharuka.github.io/Gihan-Tharuka-Portfolio-React/> | [www.linkedin.com/in/gihan-tharuka-7b592b296](https://www.linkedin.com/in/gihan-tharuka-7b592b296) | <https://github.com/gihan-tharuka>

### PROFILE:

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Full Stack Software Engineer with hands-on experience delivering scalable web applications and SaaS products for real clients in the fitness and automotive industries. Specialized in Laravel, React, and AWS serverless technologies with a strong focus on clean architecture, automation, and business value. Highly motivated fast-learner seeking to contribute to a dynamic engineering team.

### PROJECT EXPERIENCE:

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#### AutoMate Garage Management System (SaaS) - 5+ clients

Laravel, Laravel Cloud, Cloudflare, Google Analytics, Namecheap, MySQL, Amazon S3

- Full-stack automotive service platform built with Laravel, Livewire, and PostgreSQL, featuring real-time inventory tracking, technician assignment, automated invoicing, and RBAC deployed on Laravel Cloud.
- <https://revlineautomotors.com/>

#### Flexi-Fit - Fitness Center Management (SaaS) - 5+ Clients

Laravel, Laravel Cloud, Cloudflare, Google Analytics, Namecheap, MySQL, Amazon S3

- Laravel-based fitness management system with Livewire reactive UIs, Filament admin panel, membership lifecycle management, payment processing, and AWS S3 media integration.

#### Medisys Patients Monitoring System - 4 Months

React, AWS, S3, Dynamo , API, Cognito, Lambda, IAM, Amplify, SNS, SQS, AWS Architecture design

- Serverless real-time patient vitals monitoring platform using React and AWS (Lambda, DynamoDB, API Gateway, SNS) with critical alert notifications following Well-Architected Framework principles.
- <https://github.com/gihan-tharuka/Stock-Management-System-C-Sharp.git>

#### SYOS ERP System - 6 Months

java, servlets, clean architecture, design patterns , j unit testing , concurrency

- Enterprise retail management system using Java Servlets, JSP, and MySQL with POS integration, inventory control, multi-role support, and JasperReports for financial analytics.
- <https://github.com/gihan-tharuka/SYOS-ERP-V3.git>

#### APIIT Students Blog - 6 Months

Laravel, php, JavaScript, Tailwind, MySQL, Selenium

- Campus community platform developed with Laravel Livewire, featuring event management, job postings, blogging with RBAC, AWS S3 storage, and Cloudflare CDN deployment.
- <https://github.com/Drawinakash0209/apiit-blog.git>

## Stock Management System - 4 Months

C#, MySQL, OOP

- A stock management system using C# with a graphical user interface (GUI). The system includes key features such as the ability to add new stock items, view a comprehensive transaction log, and ensure secure access through user authentication.
- <https://github.com/gihan-tharuka/Stock-Management-System-C-Sharp.git>

## EDUCATION:

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### APIIT Lanka Affiliated with Staffordshire University

- BEng (Hons) Software Engineering First class - 2022 to 2025
- Courses - Clean Coding And Concurrent Programming, Databases And Data Structures, Server-Side Programming, Enterprise Cloud And Distributed Web Applications, Mobile App Development, Networking Concepts And Cyber Security

### S. Thomas' College Mt. Lavinia

GCE (Advanced Level) Examination - 2021/2022

- 2 A passes, 1 B pass

GCE (Ordinary Level) Examination - 2021/2022

- 4 A passes, 2 B passes, 3 C passes

## CERTIFICATIONS:

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- Certificate in Computer Studies - Siksil Institute of Business and Technology - 2018
- Certificate in English - Saegis Campus Nugegoda - 2018

## SKILLS:

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**Programming Languages** - C , C#, Java, JavaScript, PHP, HTML, CSS, Python, React

**Frameworks** - ReactJS, Flutter, Laravel, Tailwind, Selenium, Servlets

**Database Management** - MySQL, Microsoft SQL Server, SQLite, PostgreSQL, S3, DynamoDB

**Cloud & DevOps** - AWS , Laravel Cloud, Cloudflare, Hostinger, Railway Hosting, Google Analytics

**Project management tools** - Jira, ClickUp, Trello

**Other technical tools** - XAMPP, Figma, VS code, PyCharm, Postman, IntelliJ , PhpStorm

**Soft Skills** - Problem-Solving, Teamwork, Time Management, Adaptability

**Concepts** - OOP, MVC, SOLID, Clean Code, Design Patterns, PWA, CI/CD, Data Structures

## PERSONAL REFEREES:

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### Hiran Rajapaksha

Technical Specialist

Phone: 0716824834

Email : hrajapaksh@wiley.com

### Vipula Anandapiya

Lecturer / Director Adlux Software (Pvt) Ltd

Phone: 0777079697

Email : vipula@adlux.asia