

# Gihan Tharuka Pitigalage

## Full Stack Software Engineer

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### 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, security, 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 (Real Client)** - <https://pathmasiriautoelectricals.online/>

Laravel, PHP, JavaScript, Laravel Cloud, Cloudflare, Google Analytics, MySQL, Amazon S3

- A full-stack automotive service platform built with Laravel, and PostgreSQL. Developed through client requirement gathering and continuous Agile improvement, it features real-time inventory, CMS, automated invoicing, and RBAC (admins, technicians, and customers).
- <https://github.com/gihan-tharuka/AutoMate-FG-Demo.git>

#### **FlexiFit Fitness Center Management** - <https://flexifit-fg-demo-main-p8lmpv.laravel.cloud/>

Laravel, PHP, JavaScript, Laravel Cloud, Cloudflare, Google Analytics, MySQL, Amazon S3

- A Laravel-based CRM system that enhances member satisfaction and streamline center operations. Features include RBAC (admin, staff, members), membership lifecycle management, member progress tracking, web store, and CMS.
- [Live Link - https://flexifit-v1-master-aamsmm.laravel.cloud](https://flexifit-v1-master-aamsmm.laravel.cloud)

#### **MediSys Patients Monitoring System** - <https://api-update.dm3d5dvmmoomnn.amplifyapp.com>

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

- A serverless, real-time patient vitals monitoring platform using React and AWS. Engineered with a focus on security implementing least-privileged access, cost-optimization, and disaster recovery per the Well-Architected Framework. The system features critical alert notifications, a health metrics analytics dashboard, and was rigorously tested using Postman.
- <https://github.com/gihan-tharuka/medicare-patient-monitoring.git>

#### **APIIT Students Blog** - <https://github.com/Drawinakash0209/apiit-blog.git>

Laravel, php, JavaScript, Tailwind, MySQL, Selenium, Forge

- A campus community platform developed using the Laravel Livewire framework within an MVC architecture. Built over three Agile sprints, it features event management, job postings, blogging, and Role-Based Access Control.

## **SYOS ERP System** - <https://github.com/gihan-tharuka/SYOS-ERP-V3.git>

Java, Servlets, MySQL, JUnit , concurrency , design patterns

- A Java Servlets-based retail system featuring e-commerce, inventory, multi-role access, and analytics. Engineered with clean architecture, SOLID principles, and design patterns (MVC, Singleton, Observer, DAO) to deliver robust concurrency and comprehensive JUnit test coverage.

## **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

**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

**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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### **Mr. Hiran Rajapaksha**

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