

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://github.com/gihan-tharuka>

PROFILE:

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:

AutoMate Garage Management System (Real SaaS Client) - <https://revlineautomotors.com>

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).

FlexiFit Fitness Center Management - <https://flexifit-v1-master-aamsmm.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.

MediSys Patients Monitoring System - <https://github.com/gihan-tharuka/medicare-patient-monitoring.git>

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.

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.

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.

Stock Management System - <https://github.com/gihan-tharuka/Stock-Management-System-C-Sharp.git>

C#, .NET, MySQL

- An object-oriented stock management system built in C# with a graphical user interface (GUI). The system leverages OOP principles to deliver key features including inventory control, comprehensive transaction logging, and secure user authentication.

EDUCATION:

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:

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

SKILLS:

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, 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:

Hiran Rajapaksha

Technical Specialist

Phone: 0716824834

Email : hrajapaksh@wiley.com

Vipula Anandapiya

Lecturer / Director Adlux Software (Pvt) Ltd

Phone: 0777079697

Email : vipula@adlux.asia