



# SHEMEERA FONSEKA

## Software Engineer

Highly motivated and detail-oriented individual with a keen interest in software development and a strong commitment to continuous learning. Recognized for a proactive mindset, critical thinking, and the ability to adapt quickly in dynamic environments. I bring clarity, collaboration, and consistency to every task, and take pride in contributing to innovative, high-impact solutions through a thoughtful and structured approach.

## PERSONAL INFO

- +94 74 198 5282
- shemeerafonseka@gmail.com
- Colombo, Sri Lanka
- <https://shemeerafonseka.github.io/portfolio/>
- <http://www.linkedin.com/in/shemeera-fonseka>

## TECHNICAL SKILLS

HTML5	Microservices
CSS3	REST
Javascript	MySQL
React	MongoDB
Angular	MS SQL Server
Java	Figma
PHP	GitHub
Node.js	AWS
Spring Boot	Python

## PERSONAL SKILLS

Communication

Leadership

Troubleshooting

Project Management

Problem Solving

## WORKING EXPERIENCE

### INTERN SOFTWARE DEVELOPER (FREELANCE)

Flego Innovations 2025 - July - Present

- Built and deployed end-to-end web applications using front-end frameworks and back-end technologies.
- Designed and optimized relational and NoSQL databases to ensure scalability, performance, and security.
- Integrated third-party APIs, authentication systems, and cloud services to enhance application functionality and reliability.
- Implemented CI/CD pipelines, version control (Git), and testing practices to streamline development, maintain code quality, and support agile workflows.

**Tech stack** - HTML5, CSS3, JavaScript, React, Node, Java, REST, MySQL, GitHub

### INTERN SOFTWARE DEVELOPER

Asia Lanka Developers 2024 - November - 2025 - May

- Developed and maintained responsive web applications using modern front-end and back-end technologies.
- Customized and deployed robust Point of Sale (POS) systems tailored to specific client requirements.
- Designed scalable and reusable UI/UX components to enhance consistency across projects.
- Collaborated with clients to gather requirements and deliver effective, user-centric solutions.
- Managed projects end-to-end, ensuring timely delivery, code quality, and stakeholder satisfaction.

**Tech stack** - HTML5, CSS3, PHP, JavaScript, React, Spring boot, Java, REST, MySQL, GitHub

### TRAINEE OF ICT DIRECTORATE

Sri Lanka Customs 2024 - February - July

- Converted UI/UX designs into functional and interactive application interfaces.
- Developed RESTful web services to improve system integration and communication between platforms.
- Participated in on-site support and troubleshooting, addressing real-time technical issues and user concerns.
- Contributed to internal development initiatives and gained hands-on experience in government IT infrastructure.

**Tech stack** - PHP, Java, C#, SOAP, MySQL

## EDUCATION

### BENG (HONS) SOFTWARE ENGINEERING

Staffordshire University, UK  
Present

### HIGHER NATIONAL DIPLOMA IN SOFTWARE ENGINEERING

National Institute of Business Management  
2022 - 2023

### DIPLOMA IN COMPUTER SYSTEM DESIGN

National Institute of Business Management  
2021 - 2022

## CERTIFICATIONS

### Version Control (2024 July)

Meta

### Advanced React (2023 July)

Meta

## LANGUAGES

English

Sinhala

## HOBBIES

Singing

Listening to music

Watching movies

Travelling

## REFERENCES

### Anton Nimesh

Senior Web Engineer  
Collabera Digital, Malaysia  
gwanfonseka@gmail.com  
+94779766240/+601118708453

### Vimanga Balalla

Associate technical Lead,  
Arimac  
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## PROJECTS

### SYOS STORE

[GitHub Repo](#)

SYOS Store is a comprehensive online and onsite grocery shopping platform designed to streamline the shopping experience for both customers and administrators. The system supports real-time product browsing, order placement, and inventory management. Built with a focus on scalability and maintainability, the application follows multi-tier client-server architecture and the MVC design pattern, ensuring clear separation of concerns and efficient performance across layers.

**Tech stack** - React, Java, Spring Boot, MySQL,, Multi-tier Client-Server Architecture, MVC Pattern, Object-Oriented Design, Software Design Patterns

### TOURIST MANAGEMENT SYSTEM

[GitHub Repo](#)

A full-stack tourist booking and management platform designed to streamline travel package reservations and administrative operations for safari tour operators. The system features real-time booking management, package browsing, user authentication with role-based access control, and a comprehensive admin dashboard for managing tours, guides, bookings, and customer interactions. Built with modern web technologies and RESTful API architecture, the application emphasizes responsive design, secure authentication with JWT tokens and bcrypt password hashing, and data-driven insights through dynamic dashboard statistics. The platform supports multiple user roles (admin, editor, agent) with granular permissions, enabling efficient tour operation management and enhanced customer service delivery.

**Tech stack** - React, Node.js, Express.js, MySQL, JWT Authentication, Bcrypt, Axios, React Router, RESTful API, Multi-tier Architecture, Component-Based Design, Responsive Web Design

### HEALTH WAVE MEDICAL APPLICATION

[GitHub Repo](#)

Health Wave is a full-featured healthcare management system designed to streamline medical workflows for patients, doctors, and administrators. The application supports patient registration, doctor consultation, appointment scheduling, medical history tracking, report downloads, and prescription management. It enables secure access to medical data and facilitates seamless communication between stakeholders, enhancing the overall efficiency of healthcare services.

**Tech stack** - React.js, Java, Spring Boot (RESTful APIs), MySQL, MVC Design Pattern, User authentication, role-based access control (Patient, Doctor, Admin), responsive UI, real-time updates