

NUWAN C. PERERA

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Summary

Dynamic Senior Software Engineer with over 8 years of experience crafting innovative solutions and improving system efficiency. Expert in microservice architecture, API development, and Laravel package implementation, contributing to productivity improvements of up to 40%. Successfully led the development of monitoring systems and applications, enhancing user experience and operational capabilities. Bringing a strong focus on modular design and system extensibility, poised to drive technological advancements and operational excellence in software development.

Experience

• Senior Software Engineer (Part-Time)

Synergy Systems Pvt Ltd.

Mar 2023 – Jun 2025 (2 yrs)

- Spearheaded the design and development of a plugin framework for a Symfony monitoring system employing micro-frontend and microservice architecture, thereby centralizing over 10 features and enhancing release cycles by more than 40%
- Architected and developed a monitoring module for over 5,000 VoIP phones across multiple Cisco CUCM clusters using AXL/SXL APIs, exposing real-time device and network statuses via React-based dashboards, which improved monitoring system productivity by 10%.
- Revamped a legacy subnet scanning method within the monitoring system by transforming it into an installable module, supporting multiple scanning providers such as SNMP and ESXi through an event-driven architecture with high modularity, which reduced initial setup workload by over 30% and enhanced client experience by more than 10%.
- Engineered a custom RHEL repository for multiple binaries required by the monitoring system, significantly diminishing the workload during initial setup.

• Senior Software Engineer

Intervest Technologies (Pvt) Ltd

May 2023 – Jun 2025 (2 yrs)

- Devised a logging subsystem and an environment-based content comparison tool within a Laravel package, augmenting debugging capabilities for QA and developers and enhancing productivity by 15%.
- Championed the design and development of a manual policy renewal subsystem for a travel insurance solution, ensuring backward compatibility, modular architecture, and adherence to SOLID principles.
- Contributed to a Laravel package utilized as a white-label solution for travel insurance, employing TDD, semantic versioning, and best practices to ensure minimal downtime and maintainability.
- Formulated a custom portal for a Purchasing Order System for a supply company, markedly improving their productivity.

• Senior Application Developer

Seneview Technologies (Pvt) Ltd (Sri Lanka)

Feb 2017 – Mar 2023 (6 yrs)

- Pioneered the development of an intranet application using Flutter, which significantly contributed to a revenue increase for a consulting firm.
- Demonstrated expertise in API development using Postman and PHP unit testing, with practical experience in test automation using Selenium.
- Exhibited proficiency in Laravel package development, WordPress plugin creation, and theme development.

- **Web Developer**

Gloria Solutions (Pvt) Ltd - Sri Lanka

Nov 2015 – Dec 2016 (1 yr)

- Engineered websites using Bootstrap, PHP OOP, and the CakePHP framework, enhancing user experience and performance.
- Conceptualised and launched three informative websites using WordPress and Photoshop, significantly increasing brand visibility.

Education

- **Coventry University | United Kingdom**

BSc(Hons) Computing

Apr 2023 - Mar 2024

- **National Institute of Business Management | Sri Lanka**

Diploma in Computer System Design

Sep 2014 - Sep 2025

Technical Skills



Honors & awards

- **Career Essential in GitHub Professional Certificate**

GitHub | linkedIn | 2025

- **Docker Foundation Professional Certificate**

Docker | linkedIn | 2025

- **Toastmaster Certification**

Readers Toastmasters Club | 2024

References

- **+94 77 727 2613**

Mr. Mangala Senerathne

Synergy Systems Private Limited

- **+971 56 833 1420**

Lakshitha Senevirathne

Seneview Technologies Pvt Ltd

I hereby certify that the content is true and accurate to the best of my knowledge.

Sincerely:

Nuwan C Perera

2025-06-23