

# PAMOTH FERNANDO

## SOFTWARE ENGINEER – FULL STACK & SYSTEMS



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[Pamoth Fernando](#)

[Pamoth Fernando](#)

[Pamoth Fernando Portfolio](#)

### EXPERIENCE

#### Web Developer & Systems Engineer

**ZKTECO Sri Lanka**

11/2024 - 10/2025 Narahenpita

- Developed and maintained internal web-based applications to streamline business workflows and reporting processes.
- Integrated front-end interfaces with backend services and databases, ensuring seamless functionality and data accuracy.
- Enhanced application performance, security, and maintainability by following structured coding standards and industry best practices.
- Collaborated with cross-functional teams to translate business requirements into effective technical solutions.
- Utilized Git for version control and actively participated in testing, deployment, and continuous integration processes.

#### Web Developer & Systems Engineer

**WS UBIT (Pvt) Ltd**

01/2023 – 10/2024 Kollupitiya

- Assisted in the development, deployment, and maintenance of dynamic web applications on both Linux and Windows servers.
- Collaborated on backend integrations, database management, and API connectivity to ensure seamless application functionality.
- Implemented optimizations to enhance application performance, reliability, and uptime.
- Automated routine web development and server management tasks, improving deployment efficiency and development workflow.

#### Web Developer

**Ceyentra Technologies (Pvt) Ltd**

01/2022 – 12/2022 Panadura

- Designed and developed responsive websites using HTML, CSS, JavaScript, Bootstrap, and Laravel.
- Implemented interactive UI components to enhance user experience.
- Integrated REST APIs and backend services for dynamic content.
- Worked closely with UI/UX designers and backend developers in an Agile environment.
- Participated in code reviews and maintained clean, reusable codebases.

### SUMMARY

Analytical and detail-oriented IT professional skilled in software development and network engineering. Proficient in Java, C#, Python, and PHP, with a strong foundation in cyber security, artificial intelligence (AI), and machine learning (ML). Demonstrates a proven ability to develop secure, efficient systems and maintain robust network infrastructures to support organizational objectives.

### KEY ACHIEVEMENTS

#### Developed & Deployed Live Web Applications

Built and launched production-ready websites and systems using Laravel, Flask, Node.js, RESTful APIs, including e-commerce and business platforms.

#### Improved Web Performance & UX

Optimized front-end and backend processes, achieving **30–40% faster load times** with responsive, cross-browser-compatible UI.

#### Built Secure & Scalable Systems

Implemented **authentication, role-based access control, validation, and encryption** to ensure secure, scalable web applications.

#### Automated Business Workflows

Created admin panels and web tools that **reduced manual reporting and data handling by ~40%**.

### EDUCATION

#### BEng (HONS) OF COMPUTER SCIENCE

**Canterbury Christ Church University**

2020 - 2024

Nugegoda

#### Diploma in information technology

**SIBT institute**

2019 - 2020

Nugegoda

## PROJECTS

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### Ministry of Finance – HRMS System (Desktop Application)

<https://mof.liveu.lk>

2025

- Developed a secure, desktop-based Human Resource Management System to automate employee records, payroll, and departmental operations.
- Implemented role-based access control, secure authentication, and encrypted data handling.
- Integrated RESTful services for internal data exchange and automated reporting.
- Technologies: ERPNext, Python (Flask), Node.js, PostgreSQL

### OPSEL Phones Thalawathugoda - Ecommerce Website

<https://opselphones.lk>

2025

- Designed and developed a business website with a dynamic admin panel for product management.
- Implemented responsive UI and database-driven content updates.
- Technologies: Laravel, Blade, Bootstrap, MySQL

### Eloize US located - Ecommerce Website

<https://eloize.us>

2025

- Built a US-focused e-commerce website on WordPress, optimized for mobile-first design and SEO.
- Configured WooCommerce, payment workflows, and performance optimizations for international users.
- Technologies: WordPress, WooCommerce, HTML5, CSS3, JavaScript

### LIVE U- Ecommerce Website

<https://liveu.lk>

2024

- Developed a secure corporate website to support client inquiries and service information.
- Implemented backend data handling with authentication and optimized database performance.
- Technologies: Laravel, Bootstrap, MySQL

### N.T Construction Management System

(Desktop Application)

2024

- Developed a desktop-based management system for handling transactions, inventory, and financial reporting.
- Designed relational databases and implemented secure authentication and data handling.
- Technologies: C#, .NET, SQL Server 2019

## SKILLS

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### Programming Languages

Java C# Python PHP

### Operating Systems

Linux Microsoft Windows Server

### Database Management

MySQL PostgreSQL MongoDB SQL Server 2019

### Frameworks & Technologies

Laravel Flask Node.js ERPNext RESTful APIs .Net

### Tools & Platforms

Git/GitHub Postman Docker

### Cybersecurity & Infrastructure

Cybersecurity Vulnerability Assessment  
Patch Management System Auditing  
Data Encryption

## LANGUAGES

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**Sinhala** - Native

**English** - Professional Working Proficiency

## REFERENCES

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### MS.SHASHIKALA GUNAWARDANE

Bsc (HONS) Network Engineering - SLIIT  
System Support Engineer  
ZKTECO Sri Lanka  
072 422 0577

### MR.PATHUM DILSHAN

Bsc (HONS) Civil Engineering - CINEC  
CEO REVO Constructions  
074 080 2337