

PAMOTH FERNANDO

SOFTWARE ENGINEER – FULL STACK & SYSTEMS

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 No.16/2,Circular Road,Nalluruwa,Panadura.

 Pamoth Fernando

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 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


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

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

Sinhala - Native

English - Professional Working Proficiency

REFERENCES

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