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# P.M.Thathsarani

FULL-STACK DEVELOPER | WEB DEVELOPMENT EXPERT | UI/UX DESIGNER

📍 Kaduwela, Sri Lanka

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## Profiles

 [P.M. Thathsarani](#)  [P.M. Thathsarani](#)  [Thathsarani.online](#)

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## Profile Summary

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Full-Stack Software Developer with 1 year of experience in developing and deploying software solutions. Proficient in software development, database management, and UI/UX design with expertise in PHP, Python, Java, C#, JavaScript, HTML/CSS, WordPress, and the Yii Framework. Skilled at analyzing system requirements, building functional applications, and collaborating with cross-functional teams to meet project goals. Committed to optimizing software performance and delivering high-quality solutions that contribute to business efficiency.

## Core Components

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- Full-Stack Development (Frontend & Backend)
- Proficient in PHP, Java, C#, Django, HTML, CSS, JavaScript, Spring Boot, XML and Yii Framework
- Database Design, SQL & NoSQL Optimization, and Data Management
- Agile & Scrum Methodologies
- UI/UX Design (Figma)
- WordPress & Woocommerce
- Web Application Development and Deployment
- System Analysis & Debugging
- Software Testing & Documentation

## Work Experience

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### Software Developer Intern

Department of Fisheries and Aquatic Resources, Sri Lanka

JAN – DEC 2024

- Designed and developed Sri Lanka's first Overtime Management System for government organizations, streamlining payroll processes across 15 fisheries districts.
- Collaborated with cross-functional teams to enhance the official website of the Department of Fisheries and Aquatic Resources, improving user engagement and increasing web traffic by 20% through user-friendly design and seamless navigation.
- Implemented a series of usability tests with 200+ users to gather feedback on the Aquatic Resource Management System interface; changes led to a 30% increase in task completion rates among users.
- Engineered robust software solutions using PHP, HTML, CSS, JavaScript, C#, and Yii Framework that improved application performance by 30% while ensuring compliance with all security protocols and organizational standards.
- Conducted testing and debugging of over 50+ system features, ensuring 99% uptime and full compliance with organizational requirements.

## Education

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### Ug. In Bachelor of Information Technology (Honours) Degree

Esoft Metro Campus , Colombo, Sri Lanka  
Major: Software Engineering | Minor: Information Technology

### Diploma in Information Technology Sep 2019 – Mar 2020

Siksil Institute of Business Technology  
Major: Information Technology & Software Development

## Certifications

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### Partly Qualified AAT Exams (Intermediate)

#### Sep 2018 – Mar 2020

Association of Accounting Technicians, Sri Lanka

### Course in Data Engineering (Ongoing)

Google

### Certificate Course in Java Programming (Ongoing)

Great Learning

## Projects

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### Design Integrated Management System for Masonry and Other Services – University Individual Project

- Built a web-based platform to manage service bookings, client details, and staff assignments for masonry and related services.
- Technologies: HTML, CSS, JavaScript, PHP

### Hospital Management System – University Individual Project

- Designed a desktop application for managing patient records, appointments, billing, and medical inventory.
- Technologies: C#

### Blog Post System – University Individual Project

- Developed a content management system (CMS) to create, update, and manage blog articles with user authentication.
- Technologies: Django (Python)

### Ventures Internal Export Management System – University Group Project

- Contributed to designing the user interface for a system that manages internal export documentation, order tracking, and logistics coordination.
- Technologies: Figma (UI/UX Design)

### E-Channeling Mobile Application – – University Individual Project

- Developed a mobile app that enables users to book doctor appointments, view schedules, and receive notifications.
- Technologies: Android Studio (Java)

### Online Movie Rental System –University Individual Project

- Created a web-based movie rental system with admin and user portals, enabling rental management, history tracking, and user authentication.
- Technologies: PHP, XML

## Publications

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### Length conversion factors for billfish species captured by Sri Lankan multiday fishing vessels [ IOTC ]

Developed length conversion factors for billfish species caught by Sri Lankan multiday fishing vessels. Designed an automated mobile app to streamline data collection and analysis, enhancing fish stock assessments and supporting sustainable fishing practices.

## Non – Related Referees

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### Dr. Nuwan Gunawardana

Director- Information Technology Division  
Department of Fisheries & Aquatic Resources  
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### Ms. Sampa Ransani

Programme Manager cum - Lecture  
ESOFT Metro Campus  
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