

# Pathum Dilshan *Software Engineer*

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📍 Kalutara, Sri Lanka 🔗 <https://www.csbodima.lk>

🌐 [linkedin.com/in/pathum-sc12402](https://www.linkedin.com/in/pathum-sc12402)

🐙 [github.com/Pathum-SC12402](https://github.com/Pathum-SC12402)

🌐 [pathum-sc12402.github.io/My-Portfolio/](https://pathum-sc12402.github.io/My-Portfolio/)



Motivated and enthusiastic undergraduate pursuing a Bachelor of Computer Science at the University of Ruhuna. Full-stack developer with a strong focus on backend development, passionate about DevOps, and enthusiastic about AI model training and Machine Learning. Seeking an internship opportunity to apply and enhance technical and problem-solving skills while contributing to impactful projects.

## 🌐 Languages

Sinhala



English



## 🎓 Education

**Bachelor of Computer Science**, *University of Ruhuna*  
Current GPA : 3.48

2022 – present  
Matara, Sri Lanka

**GCE Advanced Level**, *Holy Cross College*  
Physical Science Stream - Z score - 1.3718

2017 – 2020  
Kalutara, Sri Lanka

## 🧠 Skills

### Programming Languages

JavaScript, Python, Java, C, C#

### Frontend Technologies

React, HTML, CSS, Tailwind CSS

### Backend Technologies

PHP, Node.js, Spring Boot, Express.js

### Database Management

MongoDB, MySQL, PostgreSQL, Firestore

### API Testing Tools

Postman, Swagger

### Project Management Tools

Trello

### Code editors

IntelliJ IDEA, NetBeans, VS Code, Visual Studio, PyCharm


### DevOps & Tools

Docker, GitHub, Git, Choreo, Vercel, DigitalOcean

## Certificates

- INSURGEX 1.0 Hackathon

## Projects

|  |                   |
|--|-------------------|
| <b>Empowering SMEs Web Application</b> , <i>(Final Year Project - Group Project)</i><br><i>Technologies:</i> React, TypeScript, Spring Boot Microservice Architecture, Tailwind CSS, PostgreSQL, Figma, GitHub, Docker<br><br><i>Description:</i> Designed and developed a scalable web-based management system for <b>Kalaro</b> , focused on streamlining resource and project management for small and medium enterprises. The system centralizes core operations such as order processing, employee and center management, payroll, quality control, and business reporting.                               | 12/2024 – 04/2025 |
| <b>Task Tracker Web Application</b> , <i>(Task Scheduler-Individual Project)</i> <br><i>Technologies:</i> MongoDB, Express.js, React.js with TypeScript, Node.js, Tailwind CSS, Figma, GitHub, Docker, Vercel, DigitalOcean<br><br><i>Description:</i> Developed a responsive web-based task management tool to enhance productivity by allowing users to create, organize, and track tasks efficiently. Features include secure user authentication, real-time updates, and deadline tracking within a clean, intuitive UI. | 01/2025 – 04/2025 |
| <b>Elephant Management System</b> , <i>(Wild-Life - Group Project)</i><br><i>Technologies:</i> Java Swing, MySQL, GitHub<br><br><i>Description:</i> The Elephant Management System ensures efficient tracking, protection, and welfare of elephants, aiding conservationists, wildlife managers, and volunteers in population management.  | 11/2023 – 04/2024 |

## Organisations

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|--|-----------------------------|
| <b>CSB Developments</b> , <i>Admin</i>                     | 2024 – present<br>Sri Lanka |
| <b>Computer Science Students Community</b> , <i>Member</i> | 2024 – present<br>Sri Lanka |
| <b>IEEE Organization</b> , <i>Member</i>                   | 2024 – present<br>Sri Lanka |

## References

- Mrs. M.A.L Kalyani**, *Lecturer (Confirmed)*,  
Department of Computer Science University of Ruhuna  
kalyani@dcs.ruh.ac.lk, +94 71 821 3208
- Dr. Sugandima Vidanagamachchi**, *Senior Lecturer*,  
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