

# PASINDU PATHUM

## Software Engineering Internship

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📍 Colombo, Sri Lanka

in Pasindu Pathum

Github Pasindu Pathum

🌐 Portfolio



### 👤 Profile

Driven and detail-oriented computing student with hands-on experience in software development, particularly with the MERN stack (MongoDB, Express, React, Node.js) and React Native. Skilled at tackling development challenges and delivering projects that make an impact. Passionate about learning new technologies and excited to bring fresh ideas to the tech industry. Eager to leverage technical knowledge to build innovative and user-friendly solutions.

### 🎓 Education

#### BSc. (Hons) Computing and Information Systems

(2022 - Present)

Sabaragamuwa University of Sri Lanka

CGPA: 3.458

#### G.C.E. Advanced Levels in Physical Science Stream

(2020)

T.B.M. Herath National School, Ragala

### 🏗 Projects

#### Build Mate + (Capstone Project | Completed in 2024)



Construction enablement platform allowing users to register, publish portfolios, post ads, connect, chat, and generate images from construction ideas.

**Contribution:** Lead and Backend Developer, designed backend architecture, developed APIs, implemented advanced search filters, and managed database operations for a seamless and enhanced user experience.

**Tech Stack:** ReactJS, ExpressJS, NodeJS, MongoDB

#### QWHIZ (Group Project | Completed in 2024)



Web application for the inter university tech related quiz competition conducted by WIE in Sabaragamuwa University of Sri Lanka.

**Contribution:** Frontend Developer, created responsive and user-friendly pages, enhancing the overall user experience.

**Tech Stack:** ReactJS

#### Learning Management System (Community Project | Ongoing)



Web application and a LMS for R/Pathagama Maha Vidyalaya.

**Contribution:** Full-Stack Developer, created a responsive frontend and developed backend APIs, enhancing communication and learning for students and staff.

**Tech Stack:** ReactJS, Tailwind CSS, NodeJS, ExpressJS, MongoDB

## **Foody (Individual Project | Ongoing)**



A fully responsive online food ordering web application.

**Contribution:** Sole developer, building a responsive food delivery app with user authentication, shopping cart functionality, Stripe payment integration, and full CRUD operations for managing food items, users, and orders through an admin panel.

**Tech Stack:** ReactJS, Tailwind CSS, MongoDB, Express and NodeJS

## **TravelMate (Individual Project | Ongoing)**



AI integrated travel planning mobile application

**Contribution:** Sole developer of TravelMate, an AI-powered travel app with login, signup, forms, and AI-driven scheduling, budgeting, and planning for diverse traveler types.

**Tech Stack:** React Native, Expo, Firebase, GeminiAI

## **💻 Technical Skills**

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**Programming Languages:** C, Java, Python, PHP, TypeScript, HTML, CSS, JavaScript

**Databases:** MongoDB, MySQL

**Frameworks & Libraries:** Laravel, Tailwind CSS, ExpressJS, ReactJS

**Databases:** MongoDB, MySQL

**Tools & Technologies:** Git, Visual Studio Code, MongoDB Compass, Trello, Figma, Photoshop, IntelliJ, XAMPP

## **⌚ Soft Skills**

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Teamwork

Time Management

Leadership

Critical Thinking

Problem Solving

Self-Learning

Communication

Project Management

## **🏆 Awards**

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**INSL Sabaragamuwa Province - 2023:** Top 10 finalists

## **\_DIP Certificates**

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### **Foundation of Project Management**

**(2024)**

Google Project management professional certificate

### **HTML, CSS, JavaScript for Web Developers**

**(2024)**

Web Developers Specialization course from Johns Hopkins University

### **Python for beginners**

**(2024)**

Conducted by the Department of Computer Science and Engineering, Faculty of Engineering, University of Moratuwa.

## **👤 Volunteering**

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**Student volunteer (2023 - Present)** | IEE student branch in SUSL

**Developer team member (2024)** | QWHIZ

**Active member (2023 - Present)** | Society of Computer Science in SUSL

## **🔗 Reference**

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### **Ms. Nivarthana Sandeepani**

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### **Mrs. RMKK Wijerathna**

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