

# PASINDU PATHUM

## Software Engineering Internship

@ pathumpasindu41@gmail.com

+94 75 295 5301

Colombo, Sri Lanka

in Pasindu Pathum

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 (GroupProject | 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 Vidyalyaya.

**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

### Pi-Rates (Individual Project | Completed in 2022)



A fully responsive online math learning platform.

**Contribution:** Sole developer, created a web and mobile friendly design with features like login, signup, contact and registration forms, and payment integration, providing an efficient and accessible learning experience.

**Tech Stack:** HTML, CSS, JavaScript

### 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

**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

Teamwork

Time Management

Leadership

Critical Thinking

Problem Solving

Self-Learning

Communication

Project Management

### Awards

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

### Certificates

**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

**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

**Ms. Nivarthana Sandeepani**

Founder and CEO,

Zenson Pvt Ltd.

Tel: +94 71 570 3427

Email: nivarthana@zenson.ai

**Mr. P. Vigneshwaran**

Lecturer (Probationary),

Department of Software Engineering,

Sabaragamuwa University of Sri Lanaka.

Email: vickey@foc.sab.ac.lk