

PASINDU PATHUM

Software Engineering Internship

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📍 Ragala, Sri Lanka

🌐 pasindu-pathum

🔄 GAP-Pathum

🌐 Portfolio



👤 Profile

Undergraduate in Computing and Information Systems with strong skills in software development and innovation. Experienced in solving complex problems and driving impactful projects. Committed to leveraging technical expertise to contribute to meaningful advancements in the tech industry. Focused on continuous learning and making a positive impact through technology.

🎓 Education

BSc. (Hons) Computing and Information Systems

(2022 - Present)

3rd year undergraduate

Faculty of Computing, Sabaragamuwa University of Sri Lanka

CGPA:

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

(2020)

T.B.M. Herath National School, Ragala

G.C.E Ordinary Levels

(2016)

T.B.M. Herath National School, Ragala

📁 Projects

Build Mate + (MERN stack | Completed in 2024)



Construction enablement platform with React.js, Express.js, Node.js, and MongoDB, 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.

QWHIZ (Web based Quiz application | 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.

Learning Management System (Community Project – ongoing in 2024)

Modern website with an LMS for R/Pathagama Maha Vidyalaya using the MERN stack and Tailwind CSS.

Contribution: Full-Stack Developer, built a responsive frontend with React.js and Tailwind CSS, and backend APIs with Node.js and Express.js. Utilized MongoDB for data management, improving communication and learning for students and staff.

Pi-Rates (Mathematics learning platform | Completed in 2022)



A fully responsive online math learning platform using HTML, CSS, and JavaScript.

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

Technical Skills

Programming Languages: C, Java, Python, PHP, Typescript, HTML, CSS, JavaScript

Frameworks & Libraries: Laravel, Tailwind CSS, Express.js, React.js

Databases: MongoDB, MySQL

Tools and Technologies: Visual Studio Code, MongoDB compass, Trello, Figma, Photoshop, IntelliJ, XAMPP, Git, Trello

Soft Skills

Teamwork

Critical Thinking

Communication

Time Management

Problem Solving

Project Management

Leadership

Self-Learning

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

Qwhiz (2024) | Developer team member

Society of Computer Science | Active member

Perlhack (2024) | Music crew

SedSabra (2024) | Music crew

Awards

INSL Sabaragamuwa Province (2023): Top 10 finalists

Reference

Nivarthana Sandeepani

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