

# PASINDU JAYASINGHE

## FULL-STACK & PROJECT MANAGEMENT ENTHUSIAST

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🏠 katubadda, Moratuwa

🐙 [github.com/pasindujayasinghe2004](https://github.com/pasindujayasinghe2004)

### PROFILE SUMMARY

I am Pasindu Jayasinghe. I am 21 years old Full Stack Developer and project Management. .Motivated Computer Science undergraduate at IIT with a strong foundation in software development, data structures, and algorithms. Passionate about leveraging technology to solve real world problems through innovative solutions. Seeking an internship opportunity to apply theoretical knowledge in a practical setting, contribute to meaningful projects, and develop professional skills in a dynamic industry environment

### TECHNICAL SKILL

- **Programming:** Java, Python, JavaScript, OOP
- **Web Development:** HTML, CSS, JavaScript, Node JS, React, Express JS
- **Databases:** MySQL (Design & Queries), PostgreSQL
- **Tools & Platforms:** GitHub, VS Code, Canva, Figma, Docker, Jira, Vercel, Railway
- **Other Skills:** System design, UI design, Documentation, Project Management

### PROJECTS

#### TheatreX – Hospital Theatre scheduling System(Ongoing, SDGP Project)

- **Tech Stack:** React, Node.js, Express, PostgreSQL (Neon), Jest, JSON Web Tokens (JWT)
- Designed and implemented the comprehensive Surgery Management Module, engineering dynamic frontend forms and backend RESTful APIs to handle complex scheduling and operational flows.
- Engineered comprehensive Patient management APIs (CRUD operations) alongside detailed Unit/Integration Testing suites using Jest and Supertest, ensuring high reliability of mission-critical data.
- Bridged frontend and backend operations by rigorously testing API endpoints using Postman, structuring system architecture, and drafting detailed documentation encompassing staging environments and module-specific workflows.

#### University LMS Platform

Personal Project

- **Tech Stack:** HTML, CSS, PHP, JavaScript, MySQL, GitHub
- **Designed** a comprehensive online Learning Management System (LMS) for user registration.
- **Applied** usability principles to enhance customer navigation and experience

#### ECOFuture Web Development CW

Frontend Developer & Designer (Team Project at IIT)

- **Built** a fully responsive website to promote sustainability and climate awareness
- **Implemented** modern HTML and CSS layouts following accessibility best practices
- **Contributed** to project demonstrations and final presentations

#### E-Commerce Web Site

A premium luxury clothing e-commerce platform built with React, Node.js, PostgreSQL, Vercel and Render.

- Built a full-stack luxury clothing e-commerce platform using React (Vite) on the frontend and Node.js + Express on the backend with a PostgreSQL database
- Integrated Clerk Authentication for secure user sign-up/sign-in with protected routes for checkout, user dashboard, and admin panel
- Implemented a complete Admin Dashboard for managing products, categories, and orders
- Deployed the frontend on Vercel and backend on Render
- **Tech Stack:** React, Node.js, Express.js, PostgreSQL, Vercel, Render, Clerk, GitHub

## Fitness Gym Membership system

Java OOP and GUI(personal oop project)

- Built a Java console + GUI application to manage gym memberships with tiered plans (Basic, Premium, Student)
- Developed a Java-based Fitness Gym Membership System applying core OOP principles including inheritance, abstraction, and polymorphism to manage multiple membership tiers.

## EDUCATION

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Informatics Institute of Technology (IIT), Colombo

2025 - present

- BSc (Hons) in Computer Science (Second Year Student )

National Diploma in Civil Engineering Technology, University of Moratuwa

2025 - present

G.C.E. Advanced Level

2010 - 2023

St.Aloysius College, Galle ( Physical Science Stream )

## EXTRACURRICULAR ACTIVITIES

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University Chess team-IIT

2024 - 2025

- Participated in campus Sport Meet.
- Improved communication and leadership through teamwork.

2025 - present

Member of IEEE CS -IIT

2015 - 2018

Badminton player of St.Aloysius College Team

2016 - 2018

Cricket Captain of St.Aloysius College Under 15 team

## CERTIFICATIONS

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- Python for Beginners – CODL University of Moratuwa (2025)
- Python GUI Development with Tkinter – LinkedIn Learning (2025)
- Python for Data Science and Machine Learning: Essential Training Part 1 – LinkedIn Learning (2025)
- Advanced Python – LinkedIn Learning (2025)
- Python Essential Training – LinkedIn Learning (2025)
- DevOps Foundations-LinkedIn Learning(2025)

## SOFT SKILLS

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- Teamwork
- Communication
- Creativity & innovation
- Time management
- Problem-solving
- Adaptability

## LANGUAGES

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- English
- Sinhala

## REFERENCES

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### Sanjula Samarasekara

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