



# Pathum Dissanayake

## Software Engineer

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🔗 https://github.com/PathumLD



## PROFESSIONAL EXPERIENCE

### Software Engineer - Intern Boffo System Labs

Nov 2023 – May 2024

- Developed and maintained web applications using **ASP.NET, ReactJS and MERN Stack**, focusing on optimizing user experience and functionality.
- Engaged in all stages of software development lifecycle, from initial documentation and design to implementation, ensuring timely delivery.
- Worked on a individual project of Resume Management System under company supervision.
- Contributed to team success through effective teamwork and clear communication, facilitating smooth workflows and knowledge sharing.
- Learned new technologies and industry practices rapidly, adapting to the diverse needs of projects.

## </> TECHNICAL EXPOSURE

### Programming Languages

- Java
- JavaScript
- C
- PHP
- C#
- Python

### Web Development

- HTML
- CSS
- ReactJS
- Tailwind CSS
- NodeJS
- ASP.NET
- Spring Boot

### Database

- MySQL
- PostgreSQL
- MongoDB
- SQL Server



## PROJECTS

### TalentFolio ( Resume Management System )

- **ReactJs, NodeJs, ExpressJs, MongoDB**
- The Resume Management System streamlines candidate-company interactions, providing a centralized platform for job postings, applications, and professional profiles.
  - Candidate & Company Registration
  - Store candidate's resumes up to five.
  - Create job vacancies and can be applied
  - Schedule interviews
  - Search and filter jobs
  - Profile Maintain for both candidates and companies

### MindTalk ( Depression Releasing Web App )

- **React Js, Tailwind CSS, Spring Boot, PostgreSQL, REST API**
- Web application that acts as a portal for people with depression and counsellors to pave their way to a better mental health state.
  - User & Counsellor Registration
  - Self-assessment test to find mental state.
  - Arrange Counselling Sessions and Joining, Chat and Video Call with Counsellors
  - Blogs, Relaxing Musics and Videos
  - Group Therapy Sessions overlooked by moderators
  - Payment Handling

### Contribution

- Full implementation of the blogs component with frontend backend and validation by the moderator.
- Implemented a secure Notes component by encrypting sensitive note data using AES encryption with CryptoJS, ensuring data confidentiality and security.
- Development of user profiles along with counsellor and client profiles with history

### Stadia ( Indoor Stadium Booking System )

- **HTML, CSS, JS, PHP, MySQL**
- The application streamlines indoor stadium bookings, facilitating coordination between clients, coaches, managers, and suppliers.
  - Player & Coach Registration.
  - Courts & Coaches Booking.
  - Renting Equipments.
  - Order Refreshments.
  - Conducting Classes and Joining.

### Contribution - Full frontend & backend of the user role - Coach

- Designed and developed frontend using HTML, CSS, JS
- Developed backend using PHP

## Other Tools

- Github
- Adobe Package
- Microsoft Office Package
- Figma
- Draw.io
- Bizagi

## EDUCATION

### BSc in Information Systems University of Colombo School of Computing

Apr 2021 – May 2024

## LANGUAGES

- English
- Sinhala

## SKILLS

- Creativity
- Teamwork
- Communication
- Analytical Thinking

## INTERESTS

- Web Developing
- Cyber Security
- Machine Learning
- Artificial Intelligence
- Networking
- Reading
- Sports
- Music

## REFERENCES

**Dr. B.H.Randil Pushpananda,**  
*BSc in Eng. Phys. (Col), BIT (Col), MCS (Col),  
Ph.D. (Col),*  
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## BlogMe ( Blog App )

- **ReactJS, TailwindCSS, ASP.Net, MSSQL Server**
- Developed full blog management functionality including creating, viewing, updating, and deleting blogs, with advanced filtering by author and category, search by title, and support for file uploading of blog images.
- Implemented JWT Authorization for secure user registration and login, ensuring robust authentication and data protection in a multi-user blog management system.

## Portfolio Website

- **ReactJS, TailwindCSS**
- A portfolio website showcases the works, skills, and achievements, providing a professional online presence to impress potential employers or clients.

## TalkyBudies ( Online Chat App )

- **React Native, Firebase**
- A mobile application that allows users to register with their mobile numbers and chat with registered users.

## Student Management System

- **JAVA**
- Built a user-friendly Student Management System with Java. Helps manage students, teachers, classrooms, and payments, improving education management and user experience.
- **Key Features** - Basic CRUD operations for students, teachers, classes, subjects and non academic staff

**Contribution** - Full implementation of user role - Student •Add, Update, View, Delete operation of student

## CERTIFICATES

**Web Development - 1. Web Design for Beginners**  
University of Moratuwa

### .Net Full Stack Foundation

Authorized by Board Infinity and offered through Coursera

## ACHIEVEMENTS

### Runners up of Parallax 2021

#### Organized by Rotaract Club of IIT

- The 24-hour web designing and development hackathon

### Best Designer

#### PAHASARA - UCSC MEDIA

- Awarded for the Best Graphic Designer of the Year 2022/23

## ORGANIZATIONS

### UCSC ISACA STUDENT GROUP

#### Treasurer (2023/24) | Core Member (2021-2023)

- Contributed in organizing iCS2.0, FreshHack3.0, Secur-a-thon competitions
- Graphic Designer and Design Team Lead

### Colombo Beacon

#### Middle Board Director of Department of Graphic Designing (2022/23)

- Conducted workshops about Graphic Designing using Photoshop and Illustrator and guided to design posts