Pathum Dissanayake

Software Engineer

✉ pathumlk.diz@gmail.com 📞 +94767342605 / +94711888358

📍 Kurunegala, Sri Lanka   in Pathum Dissanayake   ⬤ PathumLD   🔗 Portfolio

⬤⬤ Pathum Dissanayake

👤 PROFILE

I am a Software Engineer skilled in **fullstack development** and building high-performance applications. Proficient in **data structures, algorithms**, and **OOP**. I specialize in **MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS)** and **REST APIs**. Experienced in **Agile**, API development and scalable system design, I focus on optimized solutions and continuous improvement. I'm Proactive and eager to learn new technologies

💼 PROFESSIONAL EXPERIENCE

Boffo System Labs
Software Engineer Intern
November 2023 – May 2024

- Developed and maintained web applications using **ASP.NET**, **ReactJS**, and **MERN Stack**, optimizing user experience and reducing latency.
- Designed and implemented **scalable back-end systems** for a **Resume Management System**, improving candidate-company interactions and system efficiency.
- Had the hands-on experience in **Requirement gathering, Design, Development** stages in **SDLC**

Freelancing
Web Developer & Graphic Designer
February 2022 – present

📁 PROJECTS

TalentFolio (Resume Management System)
ReactJS, NodeJS, ExpressJS, MongoDB

- Designed and developed a **scalable back-end system** using **NodeJS** and **ExpressJS**, ensuring low-latency performance for candidate-company interactions.
- Implemented **REST APIs** for seamless data exchange between the front-end and back-end, optimizing system performance.
- Utilized **MongoDB** for efficient data storage and retrieval, ensuring high throughput.
- Developed a **user-friendly UI** using **ReactJS**, enhancing the overall user experience.

</> TECHNICAL EXPOSURE

Programming Languages
- Java, JavaScript, C#, PHP

Frontend Development
- ReactJS, HTML, CSS, TailwindCSS

Backend Development
- Spring Boot, NodeJS, ExpressJS, ASP.NET, .Net Core, REST APIs, Web API,

Databases
- MySQL, PostgreSQL, MongoDB, SQL Server, SQL, NoSQL

Tools & Platforms
- Git, Postman, JUnit, AWS, Canva, MS Office, Figma, Photoshop, Illustrator

Other
- Data Structures, Algorithms, Object-Oriented Programming, Agile Methodology, Microservices, Design Patterns

🎓 EDUCATION

BSc in Information Systems
University of Colombo School of Computing
April 2021 – May 2024

🌐 LANGUAGES

English | Sinhala

BlogMe (Blog Management System)
ASP.Net, ReactJS, SQL Server, TailwindCSS, Rest API
- Designed and developed a **scalable back-end system** using **ASP.NET**, ensuring high performance and reliability.
- Implemented **JWT-based authentication** for secure user access, adhering to industry best practices.
- Developed a **dynamic UI** using **ReactJS** and **TailwindCSS**, providing advanced search and filtering capabilities.

MindTalk (Depression Releasing Web App)
Spring Boot, ReactJS, PostgreSQL, TailwindCSS, Rest APIs
- Built a **high-performance web application** using **Spring Boot** and **ReactJS**, connecting users with counselors in real-time.
- Designed and implemented **REST APIs** for smooth communication between the front-end and back-end, ensuring low-latency performance.
- Implemented **JWT-based authentication** and **AES encryption** using **CryptoJS** to ensure data security and user privacy.
- Developed a **responsive UI** using **ReactJS** and **TailwindCSS**, providing an intuitive user experience.

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

Conducted a workshop about Graphic Designing with Photoshop
Organized by Leo Club of University of Colombo Faculty of Arts
- Guest speaker of the graphic designing session in the workshop series under the Project Hustler.

ORGANIZATIONS

Colombo Beacon
Middle Board Director of Department of Graphic Designing (2022/23)
June 2021 – June 2023
- Conducted workshops about Graphic Designing using Photoshop and Illustrator and guided to design social media posts

UCSC ISACA STUDENT GROUP
Treasurer (2023/24) | Core Member (2021-2023)
June 2021 – May 2024
- Contributed in organizing iCS2.O, FreshHack3.O, Secur-a-thon competitions
- Lead the Design Team and worked as a graphic designer

CERTIFICATES

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

.Net Full Stack Foundation
   Authorized by Board Infinity and offered through Coursera

Creating Spring Boot Microservices
   LinkedIn Learning

Software Testing Foundations: Test Techniques
   LinkedIn Learning

DevOps Foundations
   LinkedIn Learning

SKILLS

Leadership | Team Work | Analytical Thinking | Creativity | Communication | Adaptability | Attention to Detail | Collaboration

INTERESTS

Web Development | Data Science | Machine Learning | Volunteering | Artificial Intelligence | Networking | Cyber Security | Sports | Planting | Blogging | Reading

REFERENCES

Mr. Nadarajah Selvanathan,
Director & Consultant,
Boffo System Labs,
6, Temple Rd,
Sri Jayawardenepura Kotte
Email : selva@boffosys.com, Phone : +94777797826

Mr.Dinendra Karunarathne,
Senior Software Engineer,
Millennium Analytics,
LSEG Technology,
Malabe.
Email : dinendra.karunarathne@lseg.com
Phone : +94 71 390 3872