Pathum Dissanayake

Software Engineer

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

◑ Pathum Dissanayake

🎓 EDUCATION

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

</> TECHNICAL EXPOSURE

Programming Languages
- Java, JavaScript, C#, PHP

Frontend Development
- ReactJS, HTML, CSS, TailwindCSS

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

🌐 LANGUAGES

English │ Sinhala

👤 PROFILE

I am a Software Engineer skilled in **back-end, User Interface development** and building **high-performance applications**. Proficient in **data structures, algorithms**, and **OOP**, with expertise in **Java**, **Spring Boot**, **REST APIs**, and **Microservices**. Worked in **Agile**. I focus on scalable solutions, system optimization, and continuous improvement. I am proactive, with a strong willingness to learn and adapt to new challenges.

💼 PROFESSIONAL EXPERIENCE

Freelancing
Web Developer & Graphic Designer
February 2022 – present

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**

📁 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.

🧠 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

📑 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

👤 REFERENCES

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

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

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.

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.

🏅 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