Lahiru Sandhamal

Full Stack Developer

✉ lahiru2k14@gmail.com   📞 071 77 51 284 / 077 68 28 741

📍 No 398/3,Robert Gunawardana Mawatha, Malabe.

Highly motivated and detail-oriented full stack developer with a strong passion for developing innovative software solutions. Demonstrated proficiency in programming language in Java , as well as a solid understanding of software development methodologies. Skilled in problem solving and troubleshooting, with the ability to quickly learn and adapt to new technologies. Strong team player with excellent communication and collaboration skills, eager to contribute to a dynamic and challenging work environment. Committed to delivering high-quality code and exceeding project expectations.

PROFESSIONAL EXPERIENCE

09/2024 — present
Panadura, Sri Lanka

Trainee Software Engineer, *IJSE - Institute of Software Engineering*
Tech Stack:

- ***Languages***: Java, ECMAScript.

- ***Frameworks & Tools***: Java Spring Boot, Angular, Bootstrap, MySQL, HTML, CSS, JavaScript, TypeScript.

- ***Version Control:*** Git

Back-End Development:

- Designed, developed, and maintained server-side applications using Java Spring Boot.

- Worked with MySQL to store, retrieve, and manipulate data efficiently.

- Managed and developed using Version Control Systems (Git).

- Implemented REST APIs for communication between front-end and back-end components.

- Secured web applications using best practices, including authentication, authorization, and data validation.

Front-End Development:

- Designed user interfaces with Angular, Bootstrap, HTML, CSS, JavaScript, and TypeScript.

Other Responsibilities:

- Collaborated with a diverse team of developers to ensure the timely delivery of projects.

- Provided mentorship and knowledge sharing with team members to foster a culture of continuous learning.

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- Conducted code reviews to ensure high-quality code and adherence to best practices.

09/2023 – 03/2024 Panadura, Sri Lanka.	**Trainee Developer in Point of Sale System (Industrial Grade),** *iCET - Institute of Computer Engineering Technology*

Tech Stack - Angular, Spring boot, Liquibase , React.

Back-End Development:

- Designed, developed, and maintained server side applications using Java Spring Boot.

- Worked with database MySQL to store, retrieve, and manipulate data efficiently.

- Maintain and developing with Version Control System.

- Implemented REST API for communication between the front-end and back-end components.

- Secured web applications through best practices, including authentication, authorization, and data validation.

Front-End Development:

Interface design with Anguler,Bootstrap , HTML,CSS and JS / TS.

Others:

- Actively participated in Agile development processes, including daily stand-up meetings, sprint planning, and retrospectives.

- Collaborated with a diverse team of developers, designers, and product managers to ensure the timely delivery of projects.

- Provided mentorship and knowledge sharing with fellow team members to foster a culture of continuous learning.

11/2015 – 07/2022 Colombo, Sri Lanka	**Quantity Surveyor,** *Sierra Construction Pvt (Ltd).*

EDUCATION

09/2024 – present Colombo, Sri Lanka	**BIT | Bachelor of Information Technology (Following),** *University of Colombo School of Computing (UCSC)*
09/2024 – present Panadura, Sri Lanka	**DEP | Direct Entry Program (Following),** *IJSE - Institute of Software Engineering.*
03/2023 – 03/2024 Panadura, Sri Lanka	**iCET Certified Developer,** *Completed in iCET - Institute of Computer Engineering Technology*
09/2022 – 03/2023 Panadura, Sri Lanka	**CMJD | Comprehensive Master Java Developer,** *Completed in IJSE - Institute of Software Engineering.*
09/2018 – 09/2019 Colombo, Sri Lanka	**BSC (H) In Quantity Surveying,** *Completed. Offered by "Birmingham City University" International-UK, conducted at International College of Business and Technology (ICBT) Campus.*

PROJECTS

SnapAccess, *Developer in Remote Access and File Management Standalone Application.*

Tech Stack: JavaFX, Java, MySQL.

SnapAccess is a remote access application designed to allow users to securely access another user's machine, create and manage files, and synchronize data remotely. It enables features such as file creation, updating, deletion, and retrieval, similar to a remote desktop application like AnyDesk. The application was built using JavaFX for the user interface and Java for backend development.

Key Features:

- Remote Access: Users can access another machine remotely for file management and task execution.

- File Management: Create, update, delete, and retrieve files and folders on a remote machine.

- Secure Communication: Ensures encrypted and secure communication between connected machines.

Additional Functionalities:

- Multi-User Support: Allows multiple users to connect to different machines and perform file management tasks simultaneously.

- Task Execution: Users can execute predefined actions like creating folders, moving files, or updating documents remotely.

Countyweather, *Developer in Weather Prediction Website.* ↗

Tech Stack - HTML ,CSS, JS ,Weather /Google,Maps API.

- This weather prediction website that i have created provides accurate and reliable forecasts to help users plan and prepare for the weather ahead. With advanced technology and data analysis techniques, our website offers a comprehensive summary of weather conditions for any location.

- Users can enter their desired location or use their device's GPS to automatically detect their current location. Our website then provides a detailed summary of the current weather, including temperature, humidity, wind speed, and precipitation levels. Additionally, users can access 3-days forecasts and 7- days past weather data.

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iFriend - Student Management System, *Developer in Standalone Application.* ↗

Tech Stack - JavaFX, JaVA , MySQL, MVC Architecture.

- This application handles basic POS functions such as Add Customer, Issuing, Updating, Deleting, Viewing Orders. Add Items, Update, Delete, View Items features also included. This POS system developed using Java and User Interfaces developed using JavaFX library.

Clothify, *Developer in Point of Sale System.* ↗

Tech Stack - JavaFX, JaVA , MySQL, MVC Architecture.

- This application handles basic POS functions such as Add Customer, Issuing, Updating, Deleting, Viewing Orders. Add Items, Update, Delete, View Items features also included. This POS system developed using Java and User Interfaces developed using JavaFX library.

SKILLS

- Communication
- Teamwork
- Creativity
- Critical thinking
- Management
- Emotional intelligence
- Adaptability
- Time management
- Ability to accept feedback
- Empathy

TEACH STACK

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Languages & Frameworks.

* Java * Spring boot

* React * Anguler

* HTML * Bootstrap

* CSS * JavaScript

* JavaFX* Hibernate

Databases.

* MySQL

*PostgreSQL

Tools

* intelij IDEA * VS Code

* Figma * Git / Github

* Postman * jira

RELATED LINKS

Linkedin ☐
www.linkedin.com/in/lahiru-sandhamal ☐
GitHub ☐
https://github.com/sandhamal ☐
Portfolio
https://lahiru-sandhamal.github.io/My-Portfolio/ ☐
Daily.dev ☐
https://app.daily.dev/lahirusandhamal

REFERENCES

Mr R.Suranga, *Senior Lecture,* IJSE - Institute of Software Engineering
Panadura,Sri Lanka., (+94) 77 204 88 57

Mr. Frank Damiand, *Technical Lead / Engineering Manager,* Sysco Labs.
Colombo, Sri Lanka., (+94) 71 582 92 95