

# LAKCHIKA JEKANATHAN

Software Engineer Intern

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## Profile

I am an enthusiastic undergraduate pursuing a BSc (Hons) in Computing and Information Systems at Sabaragamuwa University of Sri Lanka. With a solid foundation in software development, I have honed my skills primarily in front-end technologies through various academic projects and self-initiated endeavors. I am passionate about solving complex problems and eager to apply my technical knowledge in a professional setting. I am now seeking a software engineering internship to gain hands-on experience and contribute to innovative projects within a dynamic team.

## Education

### B.Sc. (Hons) in Computing and Information Systems

Sabaragamuwa University of Sri Lanka  
Faculty of Computing  
Current GPA - 2.92  
2022- present

### Graphic Designing - NVQ 4

DVTC Mullaitivu  
2021

### G.C.E Advanced Level

Mu/Muththiyankaddu Right Bank Maha Vidyalaya  
Physical science stream  
2020

### G.C.E Ordinary Level

Mu/Oddusuddan Maha Vidyalaya  
2017

## Projects

### HighWay Hub - Mobile App Group

Designed and developed a cutting-edge Highway Hub application featuring AI-driven chatbot support, streamlined vehicle registration, and real-time journey tracking. This app leverages QR code technology and virtual ticketing to modernize highway management

#### My contributions

- Create UI design using Figma
- Developed the frontend using React Native
- upload profile, AI Chat Bot

React Native Nodejs MongoDB Firebase

### Link Plus App Group

Designed and developed the Link Plus app, a professional networking platform similar to LinkedIn that allows users to post jobs, apply for positions, and communicate through messaging. link plus Developed using Laravel and PHP

#### My contributions

- Developed the front-end interface for users to seamlessly apply for job opportunities
- Implemented features for creating, editing, and deleting job posts on the platform.

PHP MySQL

### FrumosEase Group | Ongoing

Developing an advanced restaurant management system designed to streamline daily operations and financial tracking.

#### Worker Features

- View & Manage Orders:** Access products and handle customer orders.
- Track Prices:** See total customer prices in real-time.
- Inventory Management:** Oversee daily inventory, costs, and expenses.

#### Manager Features

- Sales Reports:** View detailed daily and monthly sales data.
- Income Monitoring:** Track income and progress with charts.
- Operational Control:** Use all worker functionalities for complete control.

MongoDB ExpressJS ReactJS NodeJS

## ChatBot Individual

Engineered a Python-based chatbot designed to deliver automated responses and assist users with their inquiries. The chatbot enhances user experience through intelligent, real-time interactions.

Python

## Nike Website Individual

Created a dynamic Nike-themed website using HTML and CSS, focusing on responsive design and user experience. The project highlights skills in front-end development and design.

HTML CSS

## Chat App Individual | Ongoing

Independently developed a real-time chat application using React and Firebase, focusing on delivering seamless and instant communication between users.

- **Real-Time Messaging:** Enables users to send and receive messages instantly, with live updates across all connected devices.
- **User Authentication:** Integrated with Firebase Authentication for secure and easy user login and registration, ensuring data privacy and security.

ReactJS Firebase

## Games Individual

Redesigned and developed several classic games, including Tic Tac Toe in Java, Candy Crush using HTML, CSS, and JavaScript. These projects showcase my skills in enhancing user interfaces and functionality across various programming languages.

Tic Tac Toe   
Java

Candy Crush   
HTML CSS JavaScript

## Library Management System Testing | Group | Ongoing

Currently involved in the testing phase of a library management system project. Focused on ensuring functionality, performance, and usability of the application to meet project requirements and user needs.

Php Unit Php

## Certificates

- Web Development Certificate - University of Moratuwa
- Python Programming Certificate - University of Moratuwa
- Java Programming Certificate - SoloLearn
- Jira Fundamental Assessment - Atlassian University

## Work Experience

### TRAINEE STAFF

Samurdhi Bank - Oddusuddan

 2021

### Tech-Skills

- **Programming Languages**  
C, JavaScript, TypeScript, Java, PHP, Python, HTML, CSS
- **Frameworks and libraries**  
ReactJs, React-Native, Express.js, Next.js
- **Databases**  
MySQL, MongoDB
- **Technologies and Tools**  
Firebase, Git (Version controlling), Figma, Cisco Packet Tracer, Trello, Figma, VS Code, IntelliJ IDEA, XAMPP, GitHub

### Soft-Skills

<b>Decision making</b>	<b>Time Management</b>
<b>Creativity</b>	<b>Critical Thinking</b>
<b>Leadership</b>	<b>Self-Motivation</b>
<b>Communication</b>	<b>Active Listening</b>
<b>Adaptability</b>	<b>Team work</b>
<b>Problem solving</b>	

## References

**Mrs. RMKK Wijerathna,**  
Lecturer (probationary),  
Department of Computing and Information Systems,  
Faculty of Computing,  
Sabaragamuwa University of Sri Lanka.  
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