



Nuyun Pabasara

Software Engineer | Full-Stack Developer



ABOUT ME

I am a dedicated fourth-year undergraduate pursuing a BSc. Hons in Software Engineering at SLTC Research University, maintaining a 3.5 CGPA and earning a place on the Dean's List in semester 3. My academic journey has equipped me with robust leadership qualities and collaborative experiences, making me an adept team worker with a positive attitude toward challenges. Possessing excellent social skills and a strong technical foundation, I am capable of fast learning and adapting to competitive working environments.



CONTACT



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<https://github.com/Nuyun-Kalamullage>



<https://www.linkedin.com/in/nuyun-pabasara/>



My Portfolio (nuyun-kalamullage.github.io)



WORK EXPERIENCE

Software Engineer Intern

06 months

Silverline IT (pvt).Ltd

I worked here using Android Studio with Java as a full-stack developer and I have done Four machine-learning-related projects. I had to handle both the frontend and backend stuff, and also work with Firebase and manage APIs



SKILLS



PROJECTS

PROGRAMING LANGUAGES

Java, Python, Java Script,
Dart, C, MATLAB/R

DATABASE SYSTEMS

MySQL, Firebase

FRAMEWORKS

Vaadin, Spring Boot, Flask

PROTOCOLS

REST, SOAP

HARDWARE RELATED

Arduino, Raspberry Pi

WEB TECHNOLOGIES

HTML, Java Script, CSS

TOOLS & IDES

GitHub, Git, Post Man, IntelliJ
Ide, Android Studio, Vs Code

BSY-Route (Silverline IT Project)

Java, Android, Firebase, Fast API

I have developed the Health tracking mobile application that includes ML functions like Generate meal & workout plans, detecting height & weight, and exercise tracking using Machine learning.

Hair-Diary (Silverline IT Project)

Java, Android, Firebase, Fast API, IOT

I have developed a Mobile application for an IOT device that is integrated into the Hat and I have developed the mobile application including chatbot integration, doctor Perceptions OCR, scheduling appointments and notifying users, and generating report history to users.

LearningApp (Silverline IT Project)

Java, Android, Firebase, Fast API, Tensorflow

I have participated in developing a Mobile application including four games that help to develop their skills for children. Mostly I have worked on Firebase, API handling, Code reviews, testing phase, and bug fixing.

Sipsuru (Silverline IT Project)

Java, Android, Firebase, Fast API, GLB

I have developed a mobile application for under-grade 03 students who are suffering from ADHD & OCD. I have integrated the 3D Therapist who guides students into games. I have developed two AR games for ADHD and OCD students.

File Fortress Web App (Final Year Project)

Vaadin, Java(Spring Boot), JavaScript

A secure and reliable exam paper and answer files transfer application tailored to the specific needs of SLTC Research University exam culture.

AudiMax Library (University Project)

Python(Flask,Qt), Javascript, CSS (Tailwind)

Implementing a AudiMax Web-Application for the people who interested in listening to audio books and desktop application for vision impaired people.

DOCUMENTATION TOOLS
Canva, WPS Office suite

Stock Auction Server (University Project)

Java

Stock Auctions with client and publisher-subscriber part using Socket programming. Following client-server architecture.

Automatic Library system (University Project)

Java, Java-Swing

Implemented a fully automatic system for SLTC library using RFID technology.

Automatic parking system (University Project)

Python, Arduino, FireBase

Implemented the parking system with Arduino & Raspberrypi. I used java Script as backend language and firebase as the database.

Currency Converter (University Project)

SOAP, Java(Spring Boot), Python(Flask)

Implemented a Currency converter web application with different languages. Server & Client communicate with each other using soap technology.

EDUCATION

Tertiary Education:

2020 – 2024

BSc(Hons) in Software Engineering

(Dean's List semesters 3) **3.5 CGPA**

SLTC Research University

Secondary Education:

2009– 2018

2018 – Advance Level (Physical Science Stream)

1C & 2S

2015 – Ordinary Level

8A & 1C

Taxila Central College Horana

INTERESTS

- Photography
- Video games
- Travelling

LANGUAGE

- English
- Sinhala

VOLUNTEERING

Assistant Webmaster

IEEE Student Branch of SLTC

2022/23

Program Sub Committee Deputy Head

IEEE Computer Society of SLTC

2021/22

Other:

PR & Publicity Team Head

Hacktron V1.0

Content writing Team Head

Road to GSOC

Technical Team Head

Fotographia Webinar series

Technical Team Deputy Head

Codegenix Month

Reference

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