



# 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 03. As of March, I have successfully completed all academic & Internship requirements. 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



## COURSES & CERTIFICATIONS

**Python for Beginners**

Offered by Department of Computer Science & Engineering,  
University of Moratuwa

Jun 2022

**Introduction to Digital Transformation with Google Cloud**

Offered by Google

Mar 2022

**IEEE Xtreme Participation**

Offered by IEEE

Oct 2021

**Cloud Computing Applications, Part 1: Cloud Systems and Infrastructure**

Offered by the University of Illinois at Urbana-Champaign

Sep 2021



## 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

Technical Team Head

Fotographia Webinar series

Content writing Team Head

Road to GSOC

Technical Team Deputy Head

Codegenix Month



## Reference

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