

# Samith Wijesinghe

Senior Software Engineer with 4+ years experience

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## Skills

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- **Programming** : Swift | Objective C | Python | C++
- **Frameworks** : SwiftUI | UIKit | Cocoa Touch | CoreML | **RXSwift** | **Combine** | GraphQL
- **Databases** : CoreData | Realm | PostgreSQL | MongoDB | Firestore
- **Cloud** : [Oracle certified foundation associate](#)
- **Other** : Figma | CI/CD - Github actions, FastLane

## Experience

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**Aeturnum Lanka (PVT) LTD** *Sri Lanka* **July/2025 - Current**  
**Senior Software Engineer - iOS**

- working on the project [Incentivio](#) a leading digital **guest management** and **restaurant solution platform** in the United States. It has more than **400 restaurant apps** in the [app store](#).

**In Incentivio project my notable contributions are,**

- Automate the new customer branding process via swift script. This cut down the new app development time by 30% and removed the mundane tasks from developers.
- Developed a new home screen that runs a video in background and shows loyalty points on top of it for the specific customer that helps users to easily check their loyalty points in an interactive home screen. .
- Fix bugs, crashes to minimize the crashes record in Crashlytics and apple developer portal.
- **Technologies and Frameworks used in the project** : ObjectiveC, UIKit, Realm, Alamofire, Cocoa touch, MVVM, CI/CD

**Aeturnum Lanka (PVT) LTD** *Sri Lanka* **April/2022 - Current**  
**Software Engineer - iOS**

- worked on the project [Incentivio](#).

**In Incentivio project as a software engineer my notable contributions are,**

- Revamp the Login page, Signup page and navigation bar to have better user experience. Also introduce social signup and signin. that helps users to signup in two clicks.
- Change the overall theme of the app to enable Dark mode for the app to behave according to iOS theme preferences.
- Fix bugs, crashes to minimize the crashes record in Crashlytics and apple developer portal.
- Publish Apps on the app store after doing the branding of the app for each customer.
- **Technologies and Frameworks used in the project** : ObjectiveC, UIKit, Realm, Alamofire, Cocoa touch, MVVM, CI/CD.

**Tachyon Technologies (PVT) LTD** *Sri Lanka* **Jan/2021 - March/2022**  
**Associate Software Engineer - iOS**

- working on the project **Lege**. lege is a case recording and diary app that specifically build to fulfill the needs of lawyers

**In the Lege project my role encompasses several responsibilities .**

- Developed the apps calendar management feature using **SwiftUI** that helps to record and track the cases.

- work on bug fixing and improving application performance.
- write unit tests to check code robustness.
- **Technologies and Frameworks used in the project** : Swift, SwiftUI, MVVM, Combine, Firebase

The Open University of Sri Lanka

Sri Lanka

Jan/2018 - Dec/2020

Research Assistant, Soft robotics research lab

- worked on a quadruped robot that used soft robotics feet as actuators. designed the control system and locomotion system using matlab. also worked on matlab simulations.

**Responsibilities :**

- Developed the locomotion algorithm for robots.
- simulating the locomotion system and implementing it.
- **Technologies and Frameworks used in the project** : C++, Matlab, Robotics toolbox, soft robotics

## Projects

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- **BlinkBreak - MacOS App**

Personal project published in AppStore

**Blinkbreak** is a macOS app, a smart break reminder that helps reduce eye strain, digital fatigue, and maintain better posture. This is published on mac app store and has a user base of 1000 daily active users. Main highlights of the app are,

- Designed and implemented the app's UI with SwiftUI's declarative syntax.
- Used lottie animation and Custom built Step slider component.
- App has auto launch functionality and add full screen break reminders to force users to take break
- Menu bar application with system tray integration
- Mouse activity detection and session management
- Sound notifications with custom audio files

<https://apps.apple.com/us/app/blinkbreak-eye-break-reminder/id6740705756>

- **Technologies and Frameworks used in the project** : SwiftUI, AppKit, AVKit, Sentry, TelemetryDeck

## Education

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- **Master of Science in Advance Software Engineering** May/2023 - now  
University of Westminster

- **Bachelor of Science in Software Engineering (Hons)** Jan/2016 - Jan/2020  
Cardiff Metropolitan University  
Second Class

- **Bachelor of Technology in Mechatronics Engineering** Jan/2017 - Dec/2020  
The Open University of Sri Lanka  
• **Physical Science**  
Ananda College, Colombo 10

## Publications

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**Time Series Forecasting : Analysis of LSTM Neural Networks to Predict Exchange Rates of Currencies**  
Instrumentation Vol. 07 [2020]

Developed a LSTM neural network to predict the exchange rates of the currencies according to the macro economic data. The information was collected using Quandl model reliability was compared with exponential moving average and autoregressive integrated moving average.