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MORE INFORMATION



[LinkedIn Profile](https://www.linkedin.com/in/dilumdesilva)

<https://www.linkedin.com/in/dilumdesilva>



[GitHub Profile/ Projects](https://github.com/dilumdesilva)

<https://github.com/dilumdesilva>



[GCE Profile](https://githubcampus.expert/dilum1995)

<https://githubcampus.expert/dilum1995>



[Personal Blog](http://dilumdesilva-ltc.blogspot.com)

<http://dilumdesilva-ltc.blogspot.com>



[Medium Blog Profile](https://dilumdesilva.medium.com)

<https://dilumdesilva.medium.com>

FAMILIAR TECHNOLOGIES

- iOS
- Flutter
- Java
- Go
- Firebase
- Git
- CI/CD
- Bitrise
- Fastlane

LANGUAGES

Sinhala- Native

English- Professional Working Proficiency

SKILLS & INTERESTS

Mobile Application Development (iOS| Flutter)

Git & GitHub with Git workflow and TBD

Event Organizing and Management

Public Speaking

Blog Writing

Table Tennis

DILUM DE SILVA

Software Engineer (iOS)

A passionate and competent engineering professional driven to apply software engineering skills specialized in iOS development to the betterment of lives.

EXPERIENCE

Industrial Employment

- | | |
|---|---|
| 2021 - 2022
December present |  HECTRE GROUP NEW ZEALAND
iOS Engineer |
| 2020 - 2021
November November |  CIRCLES.LIFE SINGAPORE
iOS Engineer II |
| 2020 - 2020
May September |  GOOGLE SUMMER OF CODE SCORE LAB
Summer Intern |
| 2019 - 2020
September September |  NATURUB EXPORTS INTERNATIONAL
iOS Engineer |
| 2018 - 2019
July July |  ZONE24X7 (PVT) LTD
Trainee Associate Software Engineer |
| 2017 - 2017
October December |  CAMBIO LEARNING CENTER
Student Scholar - Design Thinking Program |
| 2017 - 2017
May September |  NATURUB EXPORTS INTERNATIONAL
Software Engineering Intern |

Academic Employment

- | | |
|---|---|
| 2020 - 2022
September Present |  INFORMATICS INSTITUTE OF TECHNOLOGY
Visiting Lecturer - iOS, Python, PCHE modules |
|---|---|

ACADEMIC QUALIFICATIONS

- | | |
|---|---|
| 2022 - 2022
February Present | STAFFORDSHIRE UNIVERSIRY, UK
Master of Business Administration - Reading |
| 2016 - 2020
September September | UNIVERSITY OF WESTMINSTER, UK
BEng (Hons) in Software Engineering - First Class Honours |
| 2012 - 2014
August August | ROYAL COLLEGE, COLOMBO 07
2014 GCE Advance Level in Biology Stream |

AWARDS AND RECOGNITION

- | | |
|-------------|--|
| 2021 | UNIVERSITY OF WESTMINSTER BEST ALL ROUNDER AWARD
Bachelor of Engineering Class of 2020 |
| 2021 | NBQSA 2020 BRONZE AWARD- DAUGMENTOR
Bronze Award Winner National Best Quality Software Award under Tertiary Technology Category. |

EXTRA-CURRICULAR

Professional Organizations

- MENTOR | GOOGLE CODE-IN 2018 / 2019
JBOSS Organization 2018 - Present
- GITHUB CAMPUS EXPERT (GCE)
GitHub Education 2018 - Present
- COMMITTER | SCORE LAB ORGANIZATION

Local and International Representations

- COMMUNITY LEAD |
FLUTTER COLOMBO BY GOOGLE
Colombo Flutter Community and Meetup 2018
- CO-CHAIRPERSON
IEEE Sri Lanka Section SYW Congress 2019
- IEEE BRAND AMBASSADOR
IEEE Region 10 (Asia - Pacific)
- OUTREACH LEAD
IEEE Computer Society SYP Global
- CO-HOST | TECH SIDE CHAT STREAM
GitHub Stream Team
- TECH SPEAKER
World Congress 2019 - Tokyo, Japan
Flutter Meetup 2019 - Colombo, Sri Lanka
FOSSASIA Tech Summit 2019 - Singapore
Flutter Bootcamp 2019 - Vadodara, India
Casual Friday Talk by ITRC
University of Sri Jayawardanapura
Twists N'Turns Tech Summit by ICTCS
University of Jaffna
Software Freedom Day 2020 by Mozilla, Sri Lanka
Hacktober Sunday 2020 by SLIIT FOSS Community,
Sri Lanka

Community Involvements

Education



2020

SILVER AWARD | CUTTING EDGE 2020

Final year research project, DAugmentor received the silver award in the best software innovation category.

2018

RECOGNITION OF STUDENT VOLUNTEERING

Certificate of recognition for the corporate social responsibility student volunteering (2017/18) from the University of Westminster.

PUBLICATIONS

2021

A REVIEW ON GENERATIVE ADVERSARIAL NETWORKS

IEEE I2CT 2021 - 6TH IEEE International Conference for Convergence in Technology.

<https://ieeexplore.ieee.org/document/9417942>

NOTABLE PROJECTS

HECTRE IOS MOBILE AND IPAD APPLICATIONS

An application that has been developed to cater features to both iPhones and iPad users in the horticulture domain. The project was designed and implemented as per VIPER architecture with Swift. I am contributing to the project by feature grooming, developing, testing and releasing. Application offers a lot of rich features related to orchard management such as timesheets, payroll, GPS enabled features for orchards and machine learning components like fruit sizing and colour grading. Moreover, release management, facilitating SCRUM practices and client onboarding are some of my responsibilities in the current role.

Tools and Technologies - Xcode, Azure Data Studio, Postman, Swift, Firebase and GitHub actions for CI/CD

CIRCLES.LIFE IOS MOBILE APPLICATION AND QUILT GOLANG MIDDLEWARE

An application that serves the iOS user base in multiple countries. Follows the backend driven architecture and backend driven UI with an in-house golang middleware. I have designed, implemented, tested and released features for Singapore, Taiwan, Indonesia B2C markets as an iOS and Golang developer. Both Gitflow and Trunk Based Development has been used for source code management and Bitrise with Fastlane was setup to handle CI/CD pipeline. Crashes and App availability were monitored and maintained using Firebase crashlytics and NewRelic. I have contributed as an iOS developer, Quilt (goland) Developer and the Release manager for the team.

Tools and Technologies - Swift, Go, CI/CD with Bitrise and Fastlane, Firebase crashlytics, NewRelic performance monitoring and Zendesk Chat, CleverTap, Moya, Agile etc.

IOS IMESSAGE APPLICATION DURING INTERNSHIP AT ZONE24X7

This project was developed for one of the fortune five hundred companies who's in the retail industry. This was developed to improve the customer experience of the user base by allowing them to handle all their product purchasing flows via the iMessage platform. I implemented and released this application as the team lead for the project.

Tools and Technologies - Swift, MSMessages framework for iMessage, Test Flight, Agile etc.

DAUGMENTOR FINAL YEAR RESEARCH PROJECT

DAugmentor introduces a novel deep learning-based architecture to automate generative adversarial networks modulation and tuning for data augmentation. I have architected, designed and developed this project from scratch. DAugmentor won the bronze award at the National ICT awards 2020.

Tools and Technologies - React frontend, python models and backend with Keras and Tensorflow

PROJECT IMAGELAB DURING GOOGLE SUMMER OF CODE 2020

This project was architected, implemented and released during my summer internship program under Google Summer of Code with the SCRe Lab organization. ImageLab is a standalone tool that supports anyone to get started with image processing related concepts and techniques in an interactive, less logical way.

Tools and Technologies - OpenCV, Java, Java FX, Ruby, Jekyll, Apache Maven