

# Akassharjun Shanmugarajah

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akassharjun.github.io

## EDUCATION

**INFORMATICS INSTITUTE  
OF TECHNOLOGY (IIT)**  
BCS in Computer Science  
Jun 2019 - Expected 2022

**LYCEUM INTERNATIONAL**  
O/L & A/L  
Grad. June 2019

## SKILLS

### TECHNICAL

Good With:

Python • Golang • Java • JavaScript  
TypeScript • C# • HTML • CSS  
MongoDB • MySQL •  $\LaTeX$

Experienced:

Swift • PHP • Kotlin

Frameworks/Libraries:

Flutter • Node • Android

Tools/Platforms:

Git • Docker • Firebase

UI/UX:

Figma • Sketch

## LINKS

Github:// [akassharjun](#)  
LinkedIn:// [akassharjun](#)  
StackOverflow:// [#8665826](#)  
Dribbble:// [akassharjun](#)  
Personal Website:// [akassharjun](#)

## CLUBS & SOCIETIES

**IEEE COMPUTER SOCIETY**  
President  
Sept 2020 - Sept 2021

**MOZILLA CAMPUS CLUB**  
Student Director  
Dec 2020 - Dec 2021

**ROTARACT CLUB OF IIT**  
IT Director  
Jun 2020 - Sep 2020

## EXPERIENCE

**THINKSMART SOLUTIONS** | Associate Software Engineer

Jun 2021 - Present | Part Time

- Maintained & developed new features for core services such as ordering, promotion, & payment for EatMealFirst (v2.0).

**THINKSMART SOLUTIONS** | Software Engineering Intern

Jun 2020 - Jun 2021 | Full Time

- Maintained & developed new features for the back-end services in EatMealFirst (v1.0) using **NodeJS**.
- Developed the entire core business logic for microservices such as ordering, promotion, user, & emailing using **Golang**, **GraphQL** & **Hasura** for EatMealFirst (v2.0).

**MBRAIN TECHNOLOGIES** | Software Engineering Intern

Aug 2018 - Dec 2018 | Full Time

- Developed a dictionary application using Android for the Dharmavahini Foundation.
- Worked on building an inventory system with an Android application and JAX-RS for a Bought Leaf factory.

## PROJECTS

**CHARILAKE** | Freelance

Oct 2020

Completed revamped the ChariLake Hotel's website design with Figma and implemented the proposed design using **HTML**, **Bulma CSS**, & **JavaScript**.

**FLUTTER SCREEN SCALER** | Open Source

Oct 2019

Created an open source library to allow for dynamic heights, widths & text size depending on percentages based on the device's size.

**SPECULO** | Open Source, Group Project

Oct 2019

Led the development of the major back-end services such as the API Gateway, Image Pre-Processing, Video Downsizing modules for the product with **NodeJS**, **TypeScript**, **Python**.

## AWARDS

2021	Finalists	CodeFest Designathon - SLITT
2020	Top 20	Flutter Hack '20 - Google
2019	Finalists	CodeFest Designathon - SLITT
2019	Finalists	Yarl Geek Challenge - Yarl IT Hub
2019	Finalists	DigiEduHack
2019	Finalists	HackX - University Of Kelaniya
2019	Global Runner Up	Flutter Hack 2019 - Google

## PUBLICATIONS

- [1] I. Piyarisi, D. Piyadigama, V. Rajapakse, A. Shanmugarajah, N. Samaranayake, and K. Shamika. Speculo: Pattern recognition with a deep convolutional inverse graphics network for face-indexing. In *2020 IEEE International Conference for Innovation in Technology (INOCON)*, pages 1–4, 2020.