

Dilan Subhu Veerappan

Project Showcase

Dunman Secondary School – S4-4F



Swift Accelerator Programme

I have joined the Swift Accelerator Programme in 2025 and I have developed many small and short projects which I would like to showcase here.

- For Challenge 1 in the course, my team and I made an app to allow students to find courses that they are interested in to pursue on during their free time. This app was made under 6 hours! The app features a search bar which allows users to filter courses according to their “Hobbies”, “Commitment” and “Age Group” I have attached screenshots of the app. The full demo of the app can be found here: [SAP Challenge 1 Demo Showcase](#)
The advertisement we created shows me explaining to my mentor of the challenge, Madhan about why he should use our app! The advertisement can be found here: [SAP Challenge 1](#)

7PM AD

The source code of our app can be found here: [Swift Accelerator Programme Challenge 1 Source Code](#)

- After completing Challenge 1, we were told to create an app that should include as many controls as possible. Controls refer to sliders, colour pickers, date picker etc. There were three prizes to be won and my app won the Alumni's Choice Award! My app was created to allow elderly people to write down about what they have done throughout the day by recording what activity they were doing and how many cups of water they have drunk and how many cups they wanted to drink on that day. My app's name is "Personal Dashboard" The app also allows users to change the theme of the app and also access the data that they have previously recorded. I feel that this would allow doctors to know more about what the person has done to correctly assess them during their appointments since people might easily forget activities they did on a particular day. This app is mainly targeted for elderly but also can be used by the working population and youths too!

The full demo of the app can be found here: [Controls Hackathon submission](#)

The source code of the App can be found here: [GitHub Repository for Controls Hackathon](#)

KeepSake Website

In June 2025, I attended a Hack Club Event called Keepsake which was organized by Jiang Tongyu. In the event I learnt about how to make my own website. I had some previous knowledge about creating a website but at the event I connected with like-minded peers and learnt from them too. The website I created was praised by the organizers and was the "Organizer's Choice".

The website can be found here: [Keepsake Website](#)

The website's source code can be found here: [Keepsake Website's Source Code](#)

Other Projects

I have also worked on many other projects in Python, Swift and HTML/CSS. I have a huge passion for coding and have developed it since around 2020. Starting, from Scratch I have developed many projects. I hope to increase my passion for coding by joining Nanyang Polytechnic

Some of my other projects can be found on my GitHub: [GitHub](#)