

DYLAN SALIM

Full Stack & Mobile Developer | dylansalim015@gmail.com |
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Education

University of Malaya

Sept 2017 - Jan 2021

Bachelor's Degree of Computer Science: Software Engineering (With Honors) With Distinction |

CGPA: 3.95

• **Courses:** Data Structures & Algorithms, Networking, Operating Systems, Artificial Intelligence

Skills

Languages:	Java, JavaScript/Typescript, Python, PHP, Dart
Frontend:	React, Angular, Flutter, React Native, Java Native Android
Backend:	Spring, Node + Express JS, Django
Databases:	Microsoft SQL Server, SQL Server Stored Procedure, MySQL, Oracle SQL, MongoDB
Others:	Cisco CCNA Routing & Switching, Docker, Nginx, Tomcat, Power BI, CI/CD, Git

Professional Experience

iFAST Capital Sdn. Bhd.

Kuala Lumpur, MY

IT Specialist

Aug 2019 – Jan 2020 (Intern) | April 2021 – Now

- Accomplished the mission of delivering multiple projects with super-tight timeline.
- Mentored and supervised 3 interns on software development methodologies and best practices
- Provided supports to user on system issues and improve the system by suggesting solution and implement the enhancement
- Developed and deploy for projects.
- Executed code builds to test and production environments.
- Designed code and database structure for projects.
- Documented several technical guides and documentations for internal and external usage
- **I_invest project (External)**
 - Main Person in Charge, Project delivered with millions of Malaysians benefited
 - Led the Software Architectural Design, Server Setup, Database Design and Software Development
 - Developed client web, admin back office and API for mobile application.
 - Developed an enhanced encryption function for public and private key encryption
 - Delivered an algorithm to calculate XIRR value using Java and SQL Server Stored Procedure
 - Optimized an existing workflow by more than 80% by using optimized algorithm and SQL indexes, performance increase from 14 days to 3 hours
 - Design and merged a complex management system into the I_invest project, from datafeed import to report generations
 - Tech Stack: AngularJS, Spring Boot, SQL Server, SQL Server Stored Procedure, Apache Tomcat
- **Intranet Mobile**
 - Main person in charge, Intranet mobile application for all internal staff to perform daily tasks
 - Design and developed Staff Leave Module and Trade Application Module
 - Provide excellence support to internal staff
 - Tech Stack: React Native, Redux, Spring Boot, Oracle SQL, Weblogic

• BOC

- Design and developed a mobile friendly interface, investment web application that allow client to search, buy, sell, switch funds.
- Reduce the application load time up to 46% by implementing lazy loading Angular module
- Implemented IP filtering and cross origin setup using Spring Security
- Tech Stack: Angular, NGXS state, ng-zorro, high-charts, Typescript, Java, Spring boot

Personal Projects

• Library Management System — *React & Node JS*

A fully web-based solution that can be accessed from any desktop or mobile device, allowing students to discover library and learning resources 24 x 7. Deployed using Docker.

Link: <https://github.com/dylansalim3/Library-Management-System-Docker>

• QR Menu Mobile — *Java Android & Node JS*

A virtual Menu application that aims to reduce the risk of COVID-19 transmission and the use of physical menus. Published on Google Play.

Link: https://github.com/dylansalim3/WIX3004_QR_Menu_App

• Note IT Mobile Application — *Flutter & Node JS*

Note taking application. Allow users to backup/restore notes to/from the user's Google Drive, and lock their note with a secret password. Published on Google Play.

Link: https://play.google.com/store/apps/details?id=com.dyssoftwarestudio.note_it

• PDF Editor Web — *Angular*

PDF Editor on the web that allows users to rotate, move, delete pages and add watermark to the pdf. Supports undo and redo features.

Link: <https://github.com/dylansalim3/pdf-editor-web>

• Face Detection Application — *MATLAB*

Face Detection Application that uses Convolution Neural Network for image classification.

Link: <https://github.com/dylansalim3/Face-Recognition-Matlab>

• Hangman Mobile Game — *Flutter*

An offline Hangman mobile game developed using Flutter.

Functionalities: Leaderboard, Hints, Pause & Time Limit

• MovieCinema Mobile Application — *Kotlin Android*

A movie recommendation mobile application developed using Kotlin with MVVM architecture and Coroutines. Implemented with Dagger2 and Image Caching via Glide.

Link: <https://github.com/dylansalim3/MovieCinema>

Awards & Certification

AWS Academy Graduate - AWS Academy Cloud Foundations

Issued on Oct 2020

Angular Certificate (HackerRank)

Issued on Sep 2020

JavaScript Certificate (HackerRank)

Issued on Sep 2020