

Perak Malaysia
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FANG WAI NAM

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github.com/rlgo

EDUCATION

Kuala Lumpur	University of Malaya	2017-2021
<ul style="list-style-type: none">Bachelor of Computer Science in Software Engineering. GPA: 3.56		

WORK EXPERIENCE

Software Developer Intern	Radica Software	2019-2020
Ipoh, Perak		
<ul style="list-style-type: none">http://radicasoftware.comMost of their applications are developed using Javascript, PHP and FirebaseI was responsible for developing new features, fixing bugs, writing documentation, and testing.Vecta.io - SVG diagramming tool on browser with real time collaborationImplemented a feature to allow users to draw curvy text by utilizing SVG textPathDeveloped a color palette to make gradient colors on SVG shapesElectra cloud - Electrical CAD software on browserImplement the ladder zone feature. Symbols and wires in a ladder zone are automatically renamed according to their rung numbers.		

Mobile Developer	EF Software	2022-2023
Remote		
<ul style="list-style-type: none">https://3soft.com.sg https://efsoftware.com.sgFacilities and staff management softwareI am responsible for developing and maintaining their mobile applications for both Android and iOS platformsAll of their mobile applications are developed in native technologies which means Java/Kotlin for Android and Swift for iOSThe applications are designed in offline first architecture, the data is stored locally and sync to the server when the device is connected to the internetSeveral native features, such as NFC/RFID, location services and Bluetooth connectivity are being utilized.		

PROJECTS

Igwriter
<ul style="list-style-type: none">https://github.com/rlgo/igwriterIt is a web-based text editor which allow multiple users to collaborate on the same document togetherMultiple users are connected and synced with each other through P2P with the help of WebRTC data channelCRDT algorithm is used to resolve conflict between multiple users document statesThe application is compliant with PWA requirements and hence it can work offline after first launchReact.js is used for the frontend and Node.js is used for the backendThe document is stored in both browser local storage and server database

QR Menu App

- https://github.com/dylansalim3/WIX3004_QR_Menu_App
- Users can use this app to create a custom menu; a QR code representing the menu will be generated for scanning and viewing the menu
- The frontend is an Android application developed using Java and MVP architecture
- The backend is an Express.js application and data is stored to a MySQL database

SKILLS

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- Programming Languages:** Java/Kotlin, Swift, Javascript/Typescript
 - Frameworks and Libraries:** Node.js, React.js, Android, JavaFX, SwiftUI
 - Tools:** Git, Linux, Docker