

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: 3.6		

WORK EXPERIENCE

Software Developer Intern	Radica Software - Siemens	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 collaborationElectra cloud - Electrical CAD software on browser		

Mobile Developer	EF Software	2022-2024
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 and developing their mobile applications for both Android and iOS platformsLegacy applications are coded in native JavaWhile newer applications are developed in React NativeThe 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.Internal UI components and utility libraries are developed and shared between the applications to speed up development process and maintain consistency		

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

SKILLS

<ul style="list-style-type: none">Programming Languages: Java/Kotlin, Swift, Javascript/TypescriptFrameworks and Libraries: Node.js, React, React Native, Android, JavaFX, SwiftUITools: Git, Linux, Docker
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