Gary Hui

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Relevant Experience

Sendum Wireless Corporation, Software Developer   Oct 2020 - Oct 2022

Bluetooth Low Energy (BLE) App
- Used Angular to develop a mobile app that communicates with BLE monitoring devices to upload sensor data to the cloud, parse advertising byte packets to display live readings, and update operating settings with byte commands over Bluetooth.
- Experienced using Android Studio and Xcode for cross platform development and familiar using TestFlight to deliver app for internal testing.
- Documented a software design plan with requirements, sequence and architecture diagrams allowing stakeholders to review and discuss the app processes at a high level.
- Knowledgeable integrating RESTful APIs into an app and validating their expected returns.

Driver Task list App
- Developed an Angular app to connect drivers with tasks and provided dispatchers with live feed on task progression.
- Setup user authentication into app with AWS Cognito and generated a DynamoDB for accessing and updating shipment data to an assigned driver using AWS Amplify CLI.

Bio Conscious Technologies, Software Developer   Sep 2019 - Jun 2020

Diabits App
- Experienced using React-Native with Typescript to create and contribute to screen displays/navigations, metrics calculations, and functional features for users with Diabetes.
- Utilized SQL to query users and their logs to diagnose specific issues asked through Intercom.
- Demonstrated ability using GoLang to work on process of sending out email to users.

Endobits Web platform
- Used React with Ant Design library to generate cards displaying patient profile and rendering of charts illustrating diabetes related data from collected data and data models.
- Created RESTful Endpoints in Node.js and automated back-end testing with Jest.
- Used Docker to pull images from the cloud for creating local containers to develop new service features.

Skills & Technical Tools

Languages: TypeScript, JavaScript, Java, SQL, C, C++, GoLang
Frameworks: Angular**,** React-Native, React, Jest, Ionic
Tools: Git, Node.js, Android Studio, Xcode, JIRA, Draw.io, MS Word, Docker, AWS

Education

Bachelor of Science, University of British Columbia (Vancouver)   Sep 2013 - May 2019
Combined Major: Computer Science & Microbiology and Immunology