May Do

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Experience

Application Developer| Koniag Government Services | Oct 2020 - Present
- Develop React and React Native applications using Typescript, Material UI, and GraphQL for the USDA Animal Health Services application which included a mobile app, web app, and desktop app with more than 200 backend services all hosted on Azure DevCloud
- Coordinate with a team of remote developers to deliver solutions by prioritizing tasks based on the feedback of quality assurance, project management, and client resources
- Provide technical guidance and practice pair programming with teammates to find and resolve bugs
- Leverage GraphQL queries, mutations, and subscriptions for accessing business data for data display
- Standardize form validations across mobile and web applications using Formik libraries
- Boost stability and speed of application by creating performance tests and graphical analysis to determine compute bottlenecks
- Assist in developing and testing SQLite database for mobile app
- Maintain and publish private packages

Developer | Operation Spark | Nov 2019 - Oct 2020
- Modernize legacy app to optimize performance, agility, and scalability
- Build automated tests with Cucumber and Selenium to validate UI functionality
- Develop complex CSV importing capability that automatically maps columns based on data sampling to comply with logical data design

Teaching Assistant | Operation Spark | Nov 2019
- Assist instructors with their duties to teach students to learn foundational coding skills and concepts

Projects

DoMo Macropad | github/MayTD/DoMo-Macro-Pad
- Create and maintain an open-source keyboard that supports a rotary encoder and OLED display
- Integrate QMK Firmware in C to enable full programmability so that each key and switch is customizable

Rising Waters | github/Flood-With-Friends
- Develop an Angular app using Node.js and PostgreSQL that route users through non-flooded areas
- Leverage elevation, weather, maps, and local government report APIs to coordinate routes

reConstruct | github/Silent-Echo-JS/Legacy
- Contribute to React app using MySQL, Express, and Bootstrap for people to share supply to reduce waste

Skills

JavaScript, Typescript, React, Angular, HTML/CSS, Git, Agile Software Development

Education

Operation Spark Bootcamp IBC Fundamentals of JavaScript, Functional Programming, and Web Development

Certifications

AWS Certified Cloud Practitioner