WILLIAM
CHAN

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EXPERIENCE

Senior Software Engineer | BMI Company, Inc.
Full Stack Developer

JULY 2021 – PRESENT

- Overhauled the inspection process using Microsoft's Graph API, thus eliminating the issue of incomplete transfers of inspection packets in an Agile environment.
- Converted nearly 500,000 records into new tables to trim and restructure inspection data.
- Used the Google Maps RESTful API to provide route information to inspectors.
- Troubleshoot technical issues for employees and smaller insurance agencies through chat or call.
- Communicated with third party vendors to discuss and diagnose issues or inquiries regarding API documentation and usage.
- Renovated the insurance portal's web pages using a third-party template and a CSS web framework to increase usability and responsive design.
- Communicated with other departments in collaborative meetings to discuss new feature updates and prospective projects.

PROJECTS

Simple Goals

MAY 2023 – NOVEMBER 2023
TECH USED: TYPESCRIPT, REACT.JS, REACT NATIVE, CSS, FIGMA & INKSCAPE

- Coded an android application that allows users to record and track the progress of their goals using the React Native mobile framework.
- Implemented offline data storage functionality of user information using AsyncStorage in serialized JSON.

Healthcare Transportation Web App

JANUARY 2021 – MAY 2021
TECH USED: NODE.JS, MONGODB, EXPRESS, PUG, CSS, JAVASCRIPT, JQUERY & AWS

- Acted in the role of the Product Manager to develop a concept full stack web application that will provide rides for employees needing worker's compensation.
- Developed middleware functions that would communicate with our NoSQL database using Express.

EDUCATION

BS Software Engineering | University of Texas at Dallas

JANUARY 2019 – MAY 2021

SKILLS

LANGUAGES: TYPESCRIPT, JAVASCRIPT, HTML, CSS, SQL, COLD FUSION, JAVA
FRAMEWORKS: REACT.JS, REACT NATIVE, JQUERY, BOOTSTRAP
PLATFORMS: DOCKER
TOOLS: AWS, FIGMA