WILLIAM CHAN   Senior Software Engineer

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EXPERIENCE

Senior Software Engineer   November 2022 - Present
Full Stack Developer   July 2021 - November 2022
BMI Company, Inc.
Springfield, MO.

- 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 in order 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: TypeScript, React.js, React Native, CSS, Figma and 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: Node.js, MongoDB, Express, Pug, CSS, JavaScript, JQuery, and Amazon Web Services

- 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.

TECHNICAL SKILLS

TypeScript, JavaScript, React.js, React Native, Cold Fusion, CSS, SASS, JQuery, SQL, Figma, Git, VS Code, HTML, Java

EDUCATION

BS in Software Engineering   January 2019 - May 2021
University of Texas at Dallas