

WILLIAM CHAN

Springfield, MO

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Senior Software Engineer

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EDUCATION

Senior Software Engineer

Full Stack Developer

Springfield, MO.

November 2022 - Present

July 2021 - November 2022

- 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

INTERPERSONAL SKILLS

Problem-Solving, Multitasking, Flexibility, Attention to Detail, Adaptability, Organization

EDUCATION

BS in Software Engineering

University of Texas at Dallas

January 2019 - May 2021