William Chan

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Senior Software Engineer

Results-driven Senior Software Engineer with +4 years of experience driving impactful technical solutions through full-stack development. Proficient in **Cold Fusion, SQL, and React**. Demonstrated ability to innovate and optimize systems, including the development of a SharePoint-integrated inspection system and an automated CSS compilation service.

Technical Proficiencies

Languages:	TypeScript, JavaScript, HTML/CSS, SQL, Cold Fusion, Java
Frameworks:	React.js, React Native, jQuery, Bootstrap, MongoDB, Express
Platforms:	Docker
Tools:	Figma

Career Experience

BMI Company, Inc, Billings, MO   Jul 2021 — Present
Senior Software Engineer
Full-Stack Developer

- Developed a new inspection system using Microsoft SharePoint and OneDrive which resolved critical data loss issues and improved workflow efficiency for field inspectors
- Engineered a Gulp.js service to automate CSS compilation from SASS within a Docker environment.
- Participated in cross-departmental meetings to engage in discussions about new feature enhancements and upcoming projects.
- Created a tool that provided replacement cost and actual cash value estimations using an API from a third-party insurance estimator.
- Conducted thorough code reviews and delegated development tasks, ensuring high quality coding standards.

Projects

Reservation Web Application for Dinho Chinese BBQ   Jan 2025 — Apr 2025
Developed a full-stack web application for a local Chinese BBQ restaurant to streamline customer reservation management. This application provides restaurant staff with a user-friendly interface to efficiently record, retrieve, and manage reservation data.

- **Utilized**: Node.js, MongoDB, Express, React & Chakra UI.

Simple Goals   May 2023 — Nov 2023
Launched an android mobile application enabling users to create goals and track their progress, utilized AsyncStorage for on-device data persistence, and designed the UI/UX in Figma with custom icons created in Inkscape.

- **Utilized**: TypeScript, React.js, React Native, & CSS.

Healthcare Transportation Web App   Jan 2021 — May 2021
Directed the full-stack development and project management of a conceptual healthcare transportation web application. Provided detailed progress reports to our client. Fostered a collaborative environment through code reviews and mentorship.

- **Utilized**: Node.js, MongoDB, Express, Pug, CSS, JavaScript, jQuery & AWS.

Education and Certifications

Bachelor of Software Engineering
University of Texas at Dallas, Richardson, TX

Azure Fundamentals
Microsoft