JACOB SHUMAN
SENIOR DEVELOPER

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I am a **creative** and **experienced** professional **senior-level** developer who has worked on projects that are highly **functional** and **scalable**.

An application is only as good as it's interface which is why I am also experienced in designing highly **accessible** and **performant** user interfaces.

Technologies

Languages, Libraries, and Frameworks

JavaScript, TypeScript, Dart, React, NextJs, Angular, Svelte, SvelteKit, SQL, Flutter, Ionic, Capacitor, React Native/Expo, TailwindCSS, Astro

Tools and Services

Docker, VSCode, Postman, Git, GitHub, Firebase, Supabase, Slack, Discord

Education

Honours Bachelors of Software Development
Graduated with Honours

Honours Bachelors Degree
Seneca College
January 2021 - 2023

Computer Programming and Analysis
Graduated with Honours

Advanced Diploma
Seneca College
January 2018 - December 2020

Experience

Technical Manager *~Indigenous Friends Association*
2022 - Present

- Researched and implemented efficient methods to automate existing developer workflows.
- Refined use of communication channels for efficiency and transparency across teams.
- Leveraged resources and strategies to overcome technical obstacles and optimize end-user functionality.
- Oversaw quality assurance procedures for several ongoing projects, ensuring a stable and consistent user experience.
- Synergized with various departments to ensure a smooth internal rollout of projects.

Senior Developer *~Indigenous Friends Association*
2021 - 2022

- Spearheaded collaborative initiatives, fostering synergy among team members to enhance productivity and quality outcomes.
- Optimized backend performance by reducing query response times, **by 3ms**, and refactoring stale and untested code.
- Implemented automated translation support to increase productivity and accessibility on application frontends.
- Worked with developers and other stakeholders to create standardized testing requirements and processes.
- Explored emerging technologies to expand platform capabilities and performance.

Junior Developer *~Indigenous Friends Association*
2019 - 2021

- Implemented comprehensive quality assurance procedures to minimize post-launch bug reports for the social media platform.
- Led the migration effort to upgrade the social media platform's framework, optimizing its performance and functionality. This led to a **11% increase** in user engagement and **24% increase** in developer performance.
- Facilitated effective communication between technical and non-technical personnel, ensuring alignment on project goals and timelines.
- Identified and addressed intricate technical challenges using collaborative problem-solving methods, ensuring uninterrupted operations.
- Worked closely with cross-functional teams to drive successful project outcomes.