Mckenzie Irwin

Technical Lead

Developer and (on occasion) designer passionate about simplifying development workflows, rapid prototyping, and collaborating with others to solve large problems. Currently working on tools to improve the quality & streamline the creation of new web apps.

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WORK EXPERIENCE

Technical Lead
TD Securities

01/2021 - Present
React, Glue42, Node.js, Express, MongoDB

Achievements/Tasks
- Responsible for architecting, implementing, and overseeing core technical solutions.
- Manage & mentor the team's developers, associates, and co-ops.
- Continuously establish and refine best practices within the team to improve code quality, design, and simplicity.
- Organize and lead collaborative development projects across multiple teams and 100+ apps.

Fullstack Developer
TD Securities

07/2020 - 12/2020
React, Node.js, Express, MongoDB

Achievements/Tasks
- Developed the web service & DB utilized by our team's flagship application.
- Refactored and simplified our flagship's client to utilize modern React tools such as functional components, hooks, contexts, and lazy-loading.
- Developed a React app-starter with authentication & theming for teams to quick-start projects (used by 20+ internal apps).
- Designed and implemented key UI components to our flagship and app-starter projects.

Systems Analyst
TD Bank

01/2020 - 07/2020
Jira, Confluence, Microsoft Office

Achievements/Tasks
- Worked directly with the business to derive & refine technical requirements.
- Analyzed post-sprint metrics to identify areas of improvement, resulting in a ~50% reduction of carry-over tickets.
- Constructed & maintained agile development plans via Jira.

Jr. Fullstack Developer
TD Bank

07/2019 - 12/2019
Angular, Node.js, Express, SQL

Achievements/Tasks
- Developed various API functionality such as updating/filtering of user applications and integrated it with the UI.
- Provided 80%+ test coverage through unit and snapshot testing with Jest.
- Learned and utilized agile software development best practices.

SOFT SKILLS

Team Optimization Highly Adaptable

Leadership Presenting

Facilitating Team Collaboration

TECHNICAL SKILLS

Code
React, Javascript, Typescript, Sass, Styled-Components, Redux, Webpack, Gatsby, Next.js, Node.js, Express, MongoDB, Firebase, SQL

Tools
Figma, Adobe XD, Git, Bitbucket, Github, Jira, Confluence, Trello, Jenkins, Storybook

Operating Systems
Windows, MacOS, Linux

Desire To Learn
React Native, Blockchain, Artificial Intelligence, Vite, Docker

EDUCATION

B. Sc. - Computer Science (Honours)
Ryerson University, 2015 - 2018

INTERESTS

Robotics Space Exploration

Architecture Gaming Fitness