Tyler Lovell

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Technical Skills

Front-end:	React, Redux, Storybook, JavaScript, Typescript, Cypress, C#, HTML, CSS
Back-end:	Node.js, Express, MongoDB, Firebase, PostgreSQL, GraphQL
Other Tools:	Docker, Git, Github, CI/CD, Trello, NPM, VirtualBox, ServiceNow, Unity

Education

Memorial University of Newfoundland and Labrador — St. John's, Newfoundland
Bachelor of Science in Computer Science, Minor in Psychology — 2008 – 2012

George Brown College — Toronto, Ontario
Post-Grad, Interactive Media — 2018 - 2019

Ontario Institute of Audio Recording Technology — London, Ontario
Diploma, Audio Engineering — 2013 - 2014

Experience

Software Developer / Consultant — Toronto, Ontario
Self-employed (Contract-based) — 2022 - Present

- Full stack web application development, SASS including REST API integration, user auth, and payments.
- Design and implement specialized internal tools and provide consulting in web technologies.
- Transformed concepts into digital/physical installations for a promotional event with over 100 attendees.
- Past clients include the University of Toronto, EcoTech NL, Last Gang Records, and The Rooms Gallery.

Systems Specialist — Toronto, Ontario
University of Toronto — 2019 - 2022

- Improved department computer systems, increasing research / admin efficiency by 10 - 20% annually.
- Implemented ticketing systems to cut incident response time, speeding resolution by 40%.
- Led internal tool development, like a graduate tracking system, cutting bottlenecks by 30%.
- Facilitated a departmental grant project to develop a robust AV system, achieving 95% device compatibility, wireless audio, and streaming capabilities, enhancing meeting accessibility for over 100+ users weekly.

Client Support — Toronto, Ontario
University of Toronto — 2015 - 2018

- Delivered critical support for O365, SAP, VPN, and more to 200+ university staff with 90% quick fix rate.
- Enhanced legacy intranet tool access for 200+ users, ensuring 100% security compliance.
- Pinpointed technical support deficiencies, enhancing departmental utility uptime by 30%.

Software Developer (DSP) — St. John's, NL
Soundora — 2014 - 2015

- Developed Audio DSP for music workstations using Python, JUCE (C++), and Max MSP.

Technical Assistant — London, Ontario
Ontario Institute of Audio Recording Technology — 2013 - 2014

- Resolved key software/hardware issues, ensuring nearly 100% uptime.
- Targeted tutoring to assist students' engineering concept mastery, boosting year-over-year pass rate.

Community

Gamma Space Digital Media CO-OP		Maria Toorpakai Social Change Hackathon		Girls Rock	
Committee Member	2023	Co-Organizer	2019	Technical Assistance	2018