

GABRIEL WRIGHT

Portfolio | LinkedIn | Twitter | Medium | GitHub | 905-999-6741 | gabe@gabrielwright.ca

A **full stack web developer** with **+5 years of engineering experience** in process automation and user experience design. A lifelong learner who strives to reach #1000DaysOfCode by building software projects with modern technologies. Communicates with stakeholders, collaborates with developers, and shares lessons learned on LinkedIn/Twitter for a network of +2,700 professionals.

EDUCATION

JUNO COLLEGE OF TECHNOLOGY

- Web Development Bootcamp
- Courses: JavaScript, jQuery, & UX

RYERSON UNIVERSITY

- Bachelor of Engineering (Chem.)

YDELAY GROUP INC.

- Lean Six Sigma Green Belt

SKILLS

FRONT-END PROGRAMMING

- HTML5, CSS3, JavaScript, AJAX
- React (Hooks), Redux, Mocha, Chai
- Cypress, Preprocessors (Sass)
- REST APIs, JSON, WCAG, SEO
- Figma, Sketch, InVision

BACK-END PROGRAMMING

- NoSQL (Firebase, MongoDB)
- SQL (Sequelize), Express, Node
- Scripting (SAP, VBA, Python)

METHODOLOGIES

- Version Control, Git & GitHub
- Accessibility, Usability Testing
- Paired Programming & Review
- Cross-Browser Compatibility
- Responsive & Mobile Layouts
- Documentation, Clean Code
- UI/UX Design, Wireframes
- Project Scope Management
- Team-Based Development
- Functional Programming
- Lean Six Sigma, Agile
- Troubleshooting

COMMUNICATION

- Customer Service, Adaptability
- Bilingual (English/French)

AWARDS

DIVERSITY & INCLUSION AWARD

- Electricity HR Canada (2019)

ENGINEERING DAY AWARD (\$1000)

- Ryerson University (2018)

USRA AWARD (\$6000)

- NSERC Canada (2014)

HUBBARD AWARD (\$5000)

- Hydro One Networks Inc. (2014)

RECENT PROJECTS

WORKOUT PLANNING APP | [DEMO](#) | [SOURCE](#)

HTML | CSS | Sass | MongoDB | Express | React | Redux | Node | Auth

- Developed a full stack CRUD app that allows users to save workouts to their account. Uses JWTs for auth, Bcrypt for salting/hashing, and RTK for managing state.

EARTHQUAKE DETECTION APP | GROUP PROJECT | [DEMO](#) | [SOURCE](#)

HTML | CSS | Sass | JavaScript | React (Hooks & Routing) | Firebase | APIs

- Developed a front end web app using the React Leaflet and USGS APIs to plot earthquakes on a vector map, assigning heroes, and logging vacation days to Firebase.

MEAL DELIVERY APP | [DEMO](#) | [SOURCE](#)

HTML | CSS | Sass | JavaScript | React (Hooks) | Firebase

- Developed a front end web app that uses Firebase, functional components, and hooks to add selected items to shopping cart, update preferences, and checkout.

TECHNICAL EXPERIENCE (+5 YEARS)

NETWORK MANAGEMENT OFFICER | CORPORATE STANDARDS

Hydro One Networks Inc. | Full-Time | Toronto, ON | Aug 2021 – Jan 2022

- Migrated +100 engineers from IP-based authentication to SAML/SSO to resolve proxy server issues which was preventing users from accessing external subscriptions

ASSISTANT NETWORK MANAGEMENT OFFICER | QUALITY ASSURANCE

Hydro One Networks Inc. | Full-Time | Toronto, ON | Sep 2020 – Aug 2021

- Developed a web application to manage employee-led training course registration for +80 engineers by interviewing users and testing solutions with stakeholders

ENGINEERING NEW GRAD (EIT) | MAINTENANCE TECHNICAL SERVICES

Hydro One Networks Inc. | Full-Time | Toronto, ON | Mar 2020 – Aug 2020

- Developed a macro that pulls equipment data from SAP database, performs calculations, and consolidates results in preparation for spares inventory modeling

ENGINEERING NEW GRAD (EIT) | SYSTEM OPERATIONS

Hydro One Networks Inc. | Full-Time | Toronto, ON | Sep 2019 – Feb 2020

- Developed a web application that captures user rationale for exemption requests, requests feedback from senior engineers, and uploads decisions to SharePoint server

ENGINEERING NEW GRAD (EIT) | QUALITY ASSURANCE

Hydro One Networks Inc. | Full-Time | Toronto, ON | Sep 2018 – Aug 2019

- Developed a web application that automates the travel approval process, resulting in \$2000 of savings per month, and improving turnaround time by 75% for users

ENGINEERING STUDENT (CO-OP) | QUALITY ASSURANCE

Hydro One Networks Inc. | Temporary | Toronto, ON | Jan 2017 – Sep 2017

- Developed a web application that stores managers' continuous improvement goals, tracks milestones, and automatically generates a monthly report for stakeholders

ENGINEERING STUDENT (CO-OP) | ENVIRONMENTAL ENGINEERING

Hydro One Networks Inc. | Temporary | Toronto, ON | May 2015 – Sep 2016

- Saved \$2.4 million in cost-avoidance by interviewing stakeholders, flow mapping, and resolving breakdowns in the Grid Operation Manual Program review process

ENGINEERING STUDENT (CO-OP) | PROJECT DELIVERY

H2O4ALL (Non-Profit) | Volunteer | Oakville, ON | May 2014 - Aug 2014

- Raised \$20,000 by leading a digital crowd-funding campaign for a project in Uganda