

# Kevin Lin

SOFTWARE ENGINEER - FULL STACK DEVELOPER

## Contact

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## Website

<https://kevinyupolin.dev/>



## Education

University of British Columbia

Vancouver, British Columbia, Canada

Bachelor of Science in Chemistry

- Received the President's Entrance Scholarship.

## Experience

### Service Link

Vancouver, British Columbia, Canada

*Service Link is a workforce management system software company servicing some of the largest utility companies in North America such as BC hydro, Con Edison, and Aqua America*

#### Software Engineer

- Architected and designed the new client UI using React, Microsoft Fluent UI, Typescript, Redux, and Sagas.
- Modernized and automated the build process and release notes generation using the Jenkins pipeline. Saved many hours with each release.
- Integrated the client application login process with Microsoft Azure Active Directory.
- Overhauled the existing map to work with customer ESRI maps. Attracted new sales since ESRI is a core requirement for many customers.
- Transitioned the client application from jQuery to React. Dramatically increased UI development speed by introducing modular components.

Jul 2019 ..... Present

#### Support Engineer

- Strengthened application security using Nginx. Allowed the application to pass the HCL (IBM) AppScan.
- Customized the JIRA workflow using the JIRA script runner plugin.
- Created a dynamic PDF report generator using Apache PDFBox.
- Introduced and implemented the Gitflow Workflow to replace the Centralized Workflow. This greatly reduced merge conflicts and improved the quality of releases.

Jul 2018 ..... Jul 2019

*Protrade is a full service trading and logistics company dealing in industrial raw materials*

#### Contracted Software Developer

- Created an App written in Electron, React, and Express to parse thousands of excel spreadsheets and organize data.
- Improved old VBA macro enhanced excel spreadsheets and reduced processing times by 3x.

Mar 2021 ..... Present

#### Contracted VBA Developer

- Designed a VBA enhanced Customer Relationship Management excel spreadsheet.

Aug 2017 ..... Sep 2017

#### Special Assistant

- Designed software to automatically send price updates via e-mails using VBA. Reduced time spent by 5x.
- Created VBA macro enhanced excel spreadsheets to calculate and manipulate sales data to generate graphical reports.
- Provided training for sales staff regarding the petrochemical supply chain.

Oct 2016 ..... Jun 2017

## Projects

### Covid-19 Tracker App

<https://covid-19-tracker.app/>

*An interactive website to track the Covid-19 pandemic*

- React / Typescript / Material UI / Redux / Redux Saga / ESRI / D3 / Node / Express / Nginx

### Write My MP

<https://writemyp.ca/>

*A website to help Canadians contact their Members of Parliament*

- React / Typescript / Material UI / Redux / Redux Saga / ESRI / Node/ Express/ Nginx/ Cheerio

## Languages

### English



Fluent

### Mandarin



Fluent

### French



Proficient

## Skills

Styling:	CSS / SASS / JSS / Bootstrap / Material UI / Fluent UI
Front End:	HTML / JQuery / Javascript / Typescript / React JSX / Redux / Redux Saga / React Native / Electron
Back End:	Node / Express / Nginx / Wildfly
Database:	Mongo DB / Postgres SQL / Microsoft SQL / GraphQL
DevOps:	Git / GitHub / Jenkins / Webpack / Selenium / Jest / JIRA / Docker
Machine Learning:	Tensorflow / OpenCV
Other Languages:	Java / C# / Python