

# William Lei

## Full Stack Developer

- Senior engineer with full-stack experience specializing in front-end, React and React Native enthusiast who truly loves Typescript.
- Experienced working in big corporations, small startups and as a solo developer—planning architecture, setting up the CI/CD, coding applications, and deploying them to a server or an app store.
- Communicated with other teams and senior management to adapt 50+ clients' websites to adapt to changing industry standards.
- Built a large scale front-end code base by using React hooks to build complex components such as a virtualized list, combined strict types, functional-style code and Jest unit tests.

 Gloversville, NY, USA



## Work Experience



### Full-stack Developer

#### Novateus

March 2021 - November 2022  
United States

- Re-coded application using React, which shortened page load times by up to 65%.
- Migrated an application toward the cloud, reducing hosting costs for the client by 50%.
- Designed the application architecture on TypeScript, React and Redux and accelerated the development rates by 15%.
- Handled nearly 5+ production tickets per day, 100+ tickets per month with respect to live customer trouble ticket resolution.
- Contributed as part of a team that made a huge, enterprise app for our biggest client which is being used worldwide by the client's employees.



### Senior Front-end Engineer

#### ScuTech

June 2019 - February 2021  
United States

- Worked closely with the product team to build intelligent search functionality in React for an ecommerce site with a catalogue of 5000 products, leading to an increase in page views per session of 22%.
- Improved the page load speed by 15% for an e-commerce site by leveraging browser caching and improving server response times.
- Utilized the Node.js and GraphQL to create APIs for both internal and external use, reducing the time to ship new front-end features by 4% Fresh Direct.
- Built extensive test coverage for all new features which reduced the number of customer complaints by 7%.



### Front-end Developer

#### BR Softech PVT. LTD.

September 2017 - May 2019  
Hong Kong

- Developed product tours with React for a new feature, improving customer adoption by 25% leading to increased revenue by \$1M.
- Created a compatible, custom client dashboard, reducing support tickets by 45%.
- Worked with UX/UI design teams to improve existing applications and increase conversion rates by 20%.

- Supported the QA team to design test cases for various change requests and enhancement.



Front-end Developer Intern

Clarity

August 2016 - August 2017  
Hong Kong

- Translated the design team’s UX wireframes and mockups into responsive, interactive features using HTML, CSS, and JavaScript that increased user engagement on page by over 200%.
- Provided strategic advisory on design and development processes, initiating revamped structures and systems to ensure a consistently high level of quality.
- Researched, established, documented, and maintained company coding best practices, development organization, and workflow standards.
- Collaborated with the agile team to migrate a 30+ page legacy company website to React and Sass.

Skills

React

Redux

VueJS

Django

ExpressJS

Next.js

Nuxt.js

Mongoose/MongoDB

PostgreSQL

GitHub

CI/CD

React Native

HTML5

Tailwind CSS

Material UI

AngularJS

PHP

Education



2012 - 2016  
The University of Hong Kong  
Computer Science